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16th ANNUAL CATALOGUE AND PRICE LISTS
1223 SPRING 1929

KELLY SEED & HARDWARE CO.,

SEEDS, FEEDS, HARDWARE, HARNESS & IMPLEMENTS

116-18 South Washington St., Peoria and San Jose, Illinois

SEED CORN WHEAT OATS

BARLEY CLOVERS

ALFALFA TIMOTHY

SOY BEANS COW PEAS

GARDEN SEEDS

SPRAYING MATERIAL

DISINFECTANTS FERTILIZERS

CHICKEN SUPPLIES

GARDENERS SUPPLIES

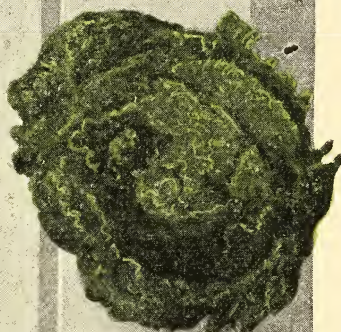
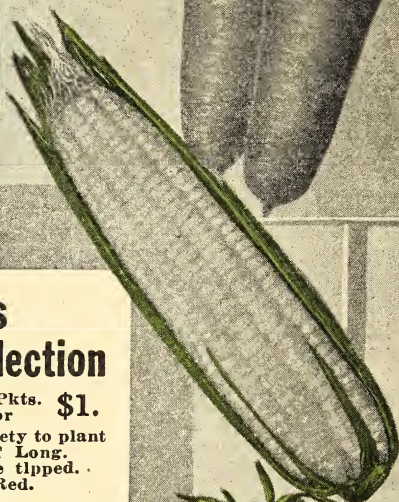
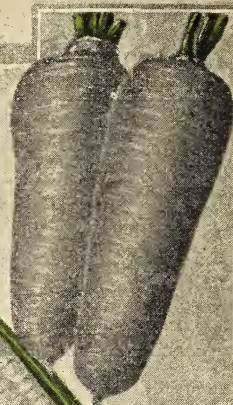
SEED POTATOES LAWN GRASSES



Gordon Kelly inspecting a field of corn on his Dad's land. Note the difference in these two fields of corn. Just the road between them. Same soil. Pictures taken same day. Corn planted about the same time. The above field shows the results from sowing sweet clover and using good disease free seed which has had the proper care in selection and storage. The field at the left has not had any legume grown on it for 15 years to our knowledge. Mostly corn and oats year after year. Both black swamp land which will grow alfalfa or sweet clover abundantly without the use of lime. One produced

over 2½ times as much corn as the other with about the same labor costs.

Grow legumes and use good seed.



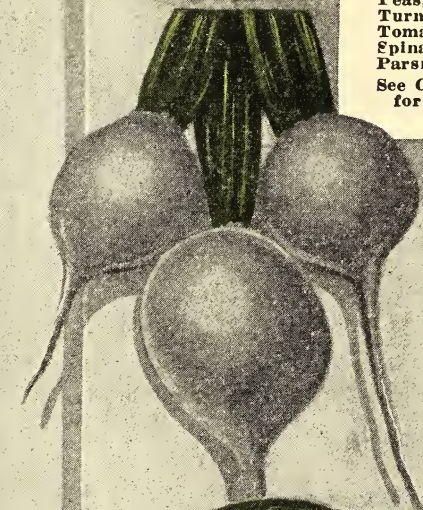
Kelly's Bargain Collection

15 Full Size 10c Pkts. \$1.
Postpaid for

Each one the best variety to plant
Carrot, Danvers Half Long.
Radish, Scarlet white tipped.
Beets, Detroit Dark Red.
Corn, Golden Bantam.
Beans, Burpee's Stringless Green
Pod.

Watermelon, Halbert's Honey.
Muskmelon, Hearts of Gold.
Lettuce, Simpson's Early Curled.
Cucumber, Improved Long Green.
Radish, White Icicle.
Peas, McLean's Little Gem.
Turnip, Purple Top Strap Leaf.
Tomato, John Baer.
Spinach, Bloomsdale Savoy.
Parsnip, Hollow Crown.

See Garden Seed Section inside
for descriptions.



116-118 S. Wash. St., Peoria, Illinois,
San Jose, Illinois

Date.....

Post Office State County

Enclosed find \$.....	Draft	
	Check	For which please ship.....
the following:	Stamps	(when)
	Money Order	

[illegible]

TOTAL

[illegible]

If you get more than one catalog, please give it to another.
Other side for garden seeds and bulbs.
(OVER)

PLEASE USE THIS SIDE FOR GARDEN SEEDS AND BULBS

Parcel Post.....

When do you want order shipped?.....Express.....

Include postage (if not prepaid). See page 6 for instructions for ordering all garden seeds sent prepaid.

[illegible]

HAVE YOU ORDERED SEMESAN FOR DISINFECTING SEEDS AND BULBS?

SEND IN YOUR ORDER EARLY. WE WILL SHIP ANY TIME.

(OVER)



W. G. KELLY



O. D. KELLY

To Our Patrons and Friends

January, 1929

As we send you this, our 16th Annual Catalog, and enter on our 23rd year in the seed business we ask you for a share of your 1929 business, and thank you for the business you have given us in the past.

To those who have never planted our seeds, we are very anxious that you do so this year.

We have customers who have bought from us for many years, and we could fill this catalog with testimonials, but their experience will not help you if you do not buy of us and profit as they have done.

We are not high collared theoretical city farmers, but both were raised on a farm and have been in the growing of farm, field, garden seeds and produce from the time we were large enough to pull weeds out of an onion row.

For a man to know, he must have practical experience in his different lines.

We have studied the advantages of the different varieties and strains of different seeds until we believe we are in a position to advise you advantageously on these and hope you will benefit thereby.

We want to apologize to many of our customers who had to wait for their orders to be filled last spring. Too many waited until late and we were simply swamped with business and unable to give the service we like to give.

If you will send your orders in early this year we can give you better service and it will be much easier for us to handle.

Seeds usually cost more later in the season, and you have to take what is left. It is profitable to you to send your orders in early. We want to give you the best service possible and ask you to help us in this way.

Our Guarantee

If you have never ordered from us you may feel a little uneasy and think you are running a risk in sending us money before you receive the seed, or other merchandise, but we assure you we will treat you right and you need have no fear in this respect.

In ordering from us we want you to know you are taking no risks. As to our financial responsibility, we refer you to Dun or Bradstreet, or the following banks, three of which we are stockholders in, and have done business with them all for several years. The First National Bank of Peoria, Merchants and Illinois National Bank of Peoria, American National Bank, Lincoln, Illinois; Peoples Bank, Atlanta, Illinois, and the San Jose State Bank, San Jose, Illinois.

We ship all our seeds with the understanding that if not as represented they may be returned and money refunded, we paying the freight both ways. Any article we offer which is not satisfactory on receipt of same may be returned and money will be refunded.

We Are in a Position to Make Low Prices

We have three stores, own the largest wholesale seed house in the second largest city in Illinois, buy direct from the grower, ship in car lots and have the very best machinery and equipment for getting seed ready for market. We are not only able to sell you seed at low price but more important, are able to give you seed of very highest quality. We have the only gravity cleaner in Central Illinois that we know of.

FOR PRICES ON FARM SEEDS SEE PAGE 62.



Two of our stores at San Jose. Here you will find our San Jose Office.

Suggestions for Ordering

Do not wait until you are ready to plant before sending in your order and expect to receive the seed the next day. Thousands of others do this and you can see how it makes it impossible to ship all these orders out at once.

Make out your garden seed orders early. The investment is small and if you do not want it shipped at the time you send your order, give us the date on which you want it shipped.

On field seeds, we will accept your order on corn to be held as late as March 15th, but on clovers, alfalfa, wheat, oats, and other farm seeds, we will accept orders at our market price the day we receive order but cannot hold any of these seeds longer than fifteen days.

We always sell at the lowest market price and all prices are made subject to market changes.

If you do not want to order farm seeds for some time after receiving this catalog we would advise writing for new prices.

Please use order blank enclosed in ordering and do not forget to send money for bags. 35c each for good 2½ bushel cotton bags (except seed corn with which we furnish bags free) or send bags to be used in shipping your order.

Order Seed Corn Early

If you are going to need seed corn, order it early. We will accept your order any time and hold at San Jose where our houses are constructed for the storing of corn until March 15th at which time the cold weather is over. We ask a deposit of \$1.00 per bushel at time order is taken, balance when you want the seed shipped.

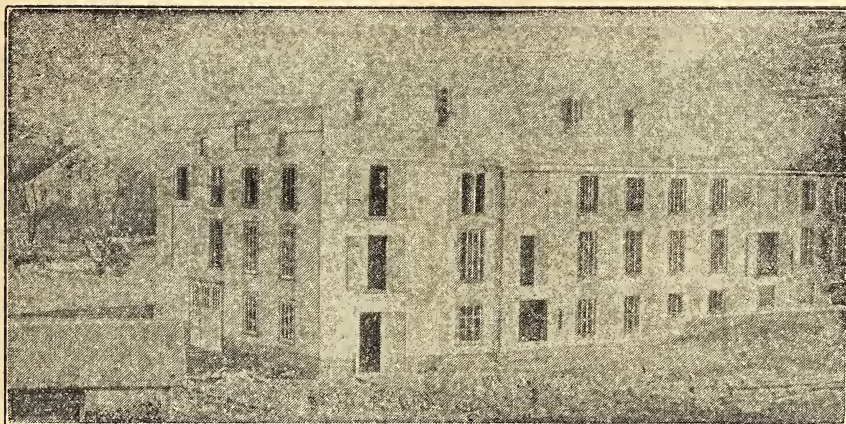
Seed Corn



Corn is the most important crop the Illinois farmer grows and one which many are careless in what they plant. Some only think, "will it grow?" This is of course an important matter but others must be taken into consideration.

While corn is the money crop for the farmer in this State the seed costs less per acre than any other farm crop.

With seed corn selling at \$4.00 per bushel, the seed to plant an acre will cost 50c, or less than 1/100th part of the average crop.



Our New Seed House, Modern in Every Way.

Here is where we dry and store part of 1000 acres of corn. All windows on pivoted hinges. When windows are swung out full opening admits air. Note drying doors, part of which are open. How would you like to have to open 131 windows and 68 doors every nice day? We have just completed a 16 foot addition to this building on this side which will be used for storage and shipping. Last summer we put in a railroad switch along this building and now can load earloads or local freight in or out, rain or shine without having to haul. The C. & A. R. R. Co. also changed their local shipping platform so now we can load all local shipments direct out of this house onto their platform. We doubt if you will find another such a convenience by any seed firm. This makes quick shipments and saves time and money.

Freight, Express and Parcel Post Rates

For your convenience we give below the approximate cost to you from Peoria or San Jose, on seeds and other merchandise whether sent by freight, express or parcel post. Please include postage for small articles you want sent by parcel post on which we do not make a delivered price. We are located near most of our customers, very few being farther than the second zone, 150 miles away.

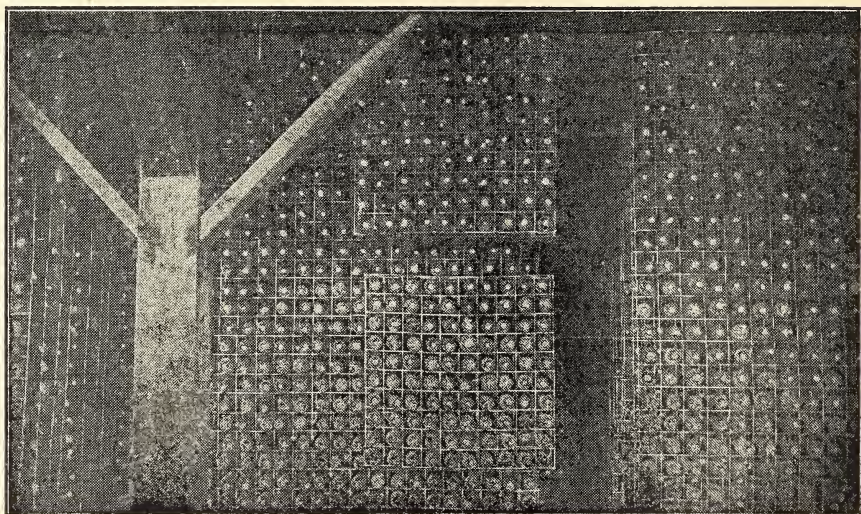
FREIGHT AND EXPRESS RATES FROM PEORIA OR SAN JOSE TO—

	Express						Freight	
	10 lbs.		25 lbs.		100 lbs.			
	Seeds	Other	Seed	Other	Seed	Other	Seed	Hand Impl'ts
Bloomington, Illinois	.32	.43	.41	.55	.86	1.15	.28	.30
Springfield, Illinois	.32	.43	.41	.55	.86	1.15	.31½	.34
Decatur, Illinois	.33	.44	.43	.57	.94	1.25	.33	.35½
Jacksonville, Illinois	.33	.44	.43	.57	.94	1.25	.33½	.26
Rockford, Illinois	.36	.48	.50	.67	1.24	1.65	.44	.47
Champaign, Illinois	.34	.46	.46	.62	1.09	1.45	.35	.37½
Quincy, Illinois	.36	.48	.50	.67	1.24	1.65	.42½	.46
Rock Island, Illinois	.34	.46	.46	.62	1.09	1.45	.36	.38½
Danville, Illinois	.34	.46	.46	.62	1.09	1.45	.39	.42
Mattoon, Illinois	.34	.46	.46	.62	1.09	1.45	.39	.42
Chicago, Illinois	.36	.48	.50	.67	1.24	1.65	.44	.47
St. Louis, Illinois	.36	.48	.50	.67	1.24	1.65	.42½	.46
Joliet, Illinois	.34	.46	.46	.62	1.09	1.45	.39	.42
Vandalia, Illinois	.34	.46	.46	.62	1.09	1.45	.40	.43½
Indianapolis, Indiana	.37	.50	.54	.72	1.39	1.85	.50	.54
Des Moines, Iowa	.38	.51	.57	.76	1.50	2.00	.50½	.50½
Jefferson City, Mo.	.40	.53	.59	1.27	1.65	2.20	.56½	.78

PARCEL POST. (Weight limit zones 2 and 3-70 lbs.) To any of above stations, except Indianapolis and Des Moines, all in zone one or two. Rates zones 1 and 2, 1 lb. 5c, with one cent additional for each lb. or fraction, ten lbs. costing 16 cents, 25 lbs. 31 cents. For zone 3, 150 to 350 miles, 6c for first lb. and 2c additional for each lb. Fourth zone, 7c per lb., four cents per lb. for each lb. additional.

Buy Your Seed Corn of Us

We have been in the seed business for 24 years and are reliable, responsible and take pride in putting out the very best to our customers. We are in position to give you as good corn as any one and at as low a price as any one we know of, quality and breeding considered. Since we built our new house and put different hangers in our old house we have much dryer and better quality corn than four or five years ago. We have changed the ventilation system and installed blowers and fans, all of which help the quality of the seed. We have learned these requirements by years of experience. Prices on page 62.



Here you see how some of our corn is dried. We make the large racks, each one holding 500 ears, each ear having a three inch square of its own. We have other hangers which hold 800 ears each.

Fertility and Vigor Determines the Yield

This is one of the secrets of our success with seed corn. Many farmers think they can pick out their corn in the fall and hang it up in driveways, granaries, or tool houses and have just as good corn as any seed house can furnish.

This is a sad mistake and one which costs many farmers from one to five times as much as good seed would have cost.

The average farmer is not equipped to dry and store seed corn as it should be taken care of and with only 10 to 20 bushels it would not pay him for the investment and labor necessary.

We have houses built for this purpose and can take care of thousands of bushels at a very small cost per bushel.

Corn must have the proper ventilation, must be kept dry and not allowed to freeze. We often have farmers tell us if they can get their corn dry in the fall it would keep. Here is where many make a fatal mistake in the handling of seed corn.

We dry corn down to 13% moisture and following a damp wet spell, or during a thaw when the air is full of moisture, this same seed corn will go back to 20% moisture content. Usually following such a spell of weather we have our hardest freezes. This increased moisture naturally swells the grain of corn. A hard freeze with this added moisture reduces the fertility of the seed a certain amount and also reduces the quality of the plant food stored in the grain. This freezing continues throughout the winter and spring and by planting time 75% of the vigor of the grain of corn has been lost. You try this corn for germination and it grows possibly 95% or better but it will not produce anything like the number of bushels that fire-dried seed corn which has been properly taken care of will produce.

1927 Crop Seed Corn, \$2.50 Per Bushel

We have a few hundred bushels of 1927 sack-picked corn left over from last year's crop which shows a germination of better than 95%. Last year we sold thousands of bushels of it and never had a single complaint,—something unusual as there is always someone who, for one reason or another, does not get a stand and lays it all on the seed corn.

Of some varieties we do not have any; of some, only a few bushels. We have some Reid's Improved, Krug, Reid's Utility and Kelly's 100 Day Yellow. This has had the very best of care during the summer and you cannot buy much better corn anywhere. This is below cost to us, but your gain. If you buy this and you test it out (we will give 10 days to do this) and find it not satisfactory we will pay the freight both ways and refund your money. We expect to plant about 200 acres of this corn ourselves.

It Pays to Buy Seed Corn

If you do not have properly constructed seed houses and heat during the damp and cold weather it will pay you big to buy your seed corn from a reliable firm which is properly equipped to take care of corn in the proper manner.

With sack-picked, fire-dried seed corn, from disease free seed selling at \$2.50 to \$4.00 per bushel, you would be foolish to plant your own. Corn must have heat during the cold and damp weather and if you have to fire day and night for a few bushels of corn you will soon eat up the small profit between the price of your corn and ours to say nothing of the ventilation of the corn for seven months. Your corn will be worth \$1.00 at planting time, so the extra cost will be only \$3.00 per bushel.

Cost of Drying and Preparing One Bushel of Seed Corn, \$3.31

	Per Bu.
Extra selected disease free seed which we furnish to all our growers.....	\$0.09
Sack picking.....	.32
Husking down row every 35 rows and sorting corn in field.....	.01
Hauling corn out of field with team and wagon, loading onto truck and hauling to seed house.....	.02½
Unloading and elevating corn, hanging on steel hangers or placing on wire racks.....	.02
Taking corn down off of hangers or racks and crating to deliver to work tables.....	.01½
Tipping and butting, examining every ear individually for type, weight, germination, and removing any bad grains from ear.....	.28
Shelling, examining every ear again for type, weight and germination, color and condition of cob, both tips and butts (each man feeding to sheller one ear at a time).....	.05
Grading two times (first, over special cylinder grader, second, over big power Clipper grader).....	.03
Average cost of corn this year including premium of 15c per bushel paid to grower for privilege of sack picking.....	\$1.00
Total.....	\$1.84
Average loss in shrinkage in picking early, mostly in October, often weighing 95 lbs. to crate, fire dried all winter, 28%, making added cost to bushel of corn.....	.52
Loss in culling corn, low germination, diseased and poor type 8%.....	.19½
Loss in tipping, butting and grading, 18%.....	.34½
Insurance on buildings, equipment and corn.....	.01½
Interest on buildings, equipment and corn.....	.08½
Labor of ventilation for 7 months, including electric current for blowers and fans, opening ventilating doors and windows.....	.03
Labor firing furnaces and coal.....	.06
Cost of heavy cotton bag which we furnish with 2½ bushels or more.....	.14
Drayage and hauling to freight station.....	.01
Advertising, catalogs, circulars and newspapers and Radio broadcasting.....	.30
Total.....	\$3.54
Less Credit for tips, butts, gradings and cull corn, market price figured at 85c per bu.....	.23
Net cost to us of one bushel of seed corn.....	\$3.31

Anyone will agree that our cost, the way we have it enumerated is low and can be produced only by handling large quantities and having buildings and equipments made for this purpose.

You will notice our charge for labor and coal for heating is only 6c per bushel. In cold weather we burn a ton of coal every 24 hours, firing night and day. You could not fire as much for your small lot of seed corn for 10 times this cost.

We are figuring our shrinkage this year at only 28% on account of corn being much dryer and in better condition when picked from the stalk.

Our actual shrink for 1927 crop was 32%; 1926 crop 35%. We determine this by filling several 100 ear Martin Corn Racks; weigh the corn and tag every rack with the weight. On May first the next year we weigh them again and find what the actual shrinkage has been.

When selling corn to you at \$4.00 per bushel, we are only netting 69 cents per bushel for all the work, trouble and worry we have, not counting any salaries for ourselves, expense of salesmen, traveling expenses, office help, stamps or stationery.

We are only able to put corn of the very best quality out at this price by having several other businesses to help pay operating expenses.



The same old story. Notice the difference in the early picked fire dried corn.

Our Corn is all Sack Picked

Some firms sack pick a small amount of corn and make the profit on the corn hauled in from the field later which shows a smaller shrinkage and much lower cost in handling.

Dr. Geo. H. Dungan, of the University of Illinois, one of the most practical agricultural educators in the country, stresses the importance of sack picking seed corn and his article on "Sack Picking and Storing of Seed Corn" appeared in most of the farm papers last fall. He says, "You can lose the benefit of several years sack picking, and put corn back several years by missing one year's picking from the stalk." He also said: "Field-selected ears, picked at the right time, contain 30 to 40% moisture and should be dried with special care."

Our Corn Stands Up

By having sack picked corn for 16 years we have developed corn with a very stiff stalk. The weak stalk goes down earlier and we do not select ears from down stalks but only from the standing stalks.

We can tell this in the different strains of corn we grow. We notice the Krug Corn from which we have sack picked only four years went down more this year than the Utility which had been sack picked for 16 years.

By sack picking corn many years we have developed the ears at proper height. We do not pick from real tall stalks or ears which are near the ground. One of the most important advantages of sack picking is the material consequence of standing up well.

Disease-Free Seed

All seed corn we plant is disease-free seed, tested by the Bloomington Seed Corn Laboratories, owned and operated by Mr. O. P. Tieman who no doubt has had more experience in this business than any other man in the United States. This costs us about \$300.00 per year, but is for your benefit. We have had our corn tested for so long that last year it showed but a very small percentage of disease.

We Do Not Buy Seed Corn

Hardly a day passes through the season but what someone wants to sell us seed corn. We receive letters from all over the country, often from other states, wanting to sell us corn. No doubt they think we are like some seed concerns, buying corn here and there from anyone who has good corn to offer. We do not buy corn. Do not waste your time and ours in asking us to buy your corn. All the corn we have to offer for sale is grown on our own land or grown on contract for us. We furnish the seed, specify the time for planting, and sack pick it ourselves in the fall. We know what is planted and our men know what we want picked.

We Prefer to Ship All Seed Corn From San Jose

As all of our seed corn is grown at San Jose, we prefer to make shipment from that point, but to accommodate our customers near Peoria we will at all times carry a stock of each variety there. We can handle it at a less expense at San Jose where we have our own switch track and load it direct from the house into the car. Costs are much lower in a small town than in a large city.

Our Hard Road is Completed

You can reach us any time now on a concrete road which comes within two blocks of our office. We are at east end of Route 22 from Havana, Illinois, 1½ miles east of Route 24, with new concrete road leading almost to our door. We welcome you at any time and glad to have you come and see the seed corn, or any other seeds, before you buy.



Location

While we have a house at Peoria, Illinois, all our corn is grown at San Jose, Illinois, or within 5 miles of San Jose, where we grow about 1000 acres for seed every year. San Jose is 25 miles due south of Peoria at the corner of Logan, Mason and Tazewell counties. We have corn grown in each of these three counties and can furnish from any that you prefer. Here is where we have our seed houses and work on the corn, but have samples of each variety at Peoria, both on ear and shelled. We are located in the best seed corn producing section of the United States. Our soil is best adapted to the growing and maturing of seed corn. There is just enough sand in our soil to produce a good heavy ear which matures early. We are far enough north that an early maturing variety will mature as far north as the Wisconsin line. The maturing season of corn advances 12 miles north per day. You can see 10 days brings us up near the northern part of Illinois.

We are 25 miles due east of Havana, Route 22 leading direct from Havana to San Jose, and 12 miles northeast of Mason City, Illinois.

Proper Care of Shelled Corn

Corn must be handled carefully after it is shelled and bagged. It must be stored in a dry place with free circulation of air. When corn leaves our houses it is in good condition and we cannot be responsible for its condition a month or two later. Do not store in a damp place, in a closed room or on a concrete floor. Open bags and examine as soon as you receive the corn.

What Variety is Best For Me?

This can best be determined by location, kind of soil and intended use of corn. Every farmer should grow a corn that will consume the full average growing period of his section. If you live south where you have a longer growing period you should plant a large type of corn. If you live north, you would be foolish to plant a large type as the larger the type the longer season it takes to mature. If you have thin soil and plant the small, early maturing corn you will have nubbins.

We grow different varieties of corn for different sections of the country. Some are better adapted to one soil than to another. Some better on fertile soil, some do better on thin soil. From our experience we can tell about what variety of corn is best adapted to your section; and, if we know what kind of soil you have we can tell which will do the best for you.

If you live north of Peoria, Illinois, we recommend Krug or 100 Day Yellow Dent. If within 50 miles south of Peoria, Reid's Yellow Dent or Krug. If you live farther south than 50 miles plant the Reid's Improved Yellow Dent. It makes very little difference how far east or west corn is moved but a great difference north or south.

Testimonials

We have omitted testimonials as we expect our seeds to talk for themselves. If, when you receive any seeds from us, they do not look good to you or do not show the proper germination, please return to us at our expense and money will be refunded.

Kelly's Reid Utility Corn

Almost all of our lives we have been experimenting with corn. Every year we get different strains and try them out. Some are very poor and we grow them but one year. Others prove very good and we cross these and get a good combination. In our Utility type Yellow Dent Corn we have a corn which we have grown for 17 years and in this time have found nothing better for Central Illinois. This is for sections up to 50 miles south of Peoria, any distance east or west. This is a smooth dimpled dented corn, ears 10 inches to 12 inches long, rich yellow color, bright, lustrous, very little soft starch, a rich meaty grain which furnishes sufficient plant food to give the young plant a good start. Has wonderful root system. Stands up well, and grows medium height, medium foliage and a very easy corn to husk. A medium early maturing corn. On account of the hard starchy composition it is not affected much by wet weather and does not heat and get out of condition like a soft starchy corn. In the past we grew a rough, soft, starchy corn full of air cells and thought the smooth type was running out, but experience taught us that smooth corn yields better and has much more food



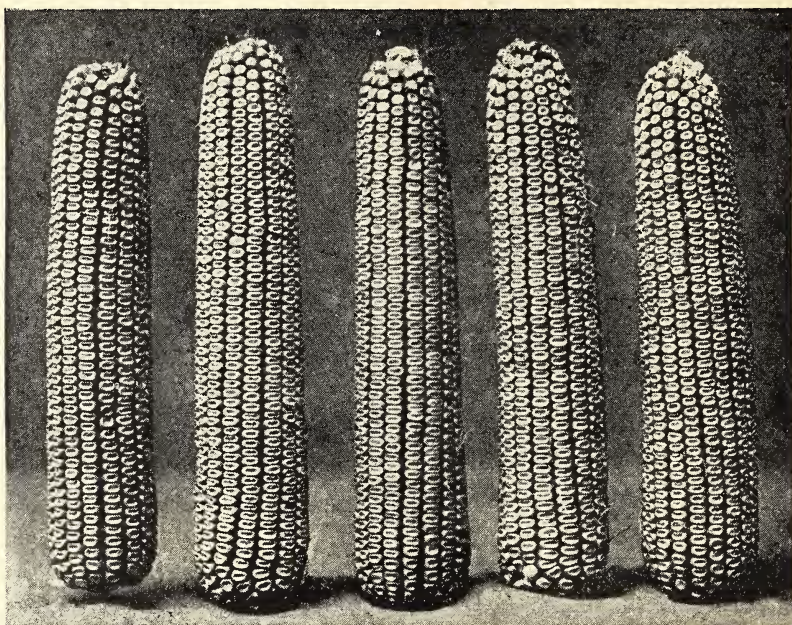
How We Dry
4000 Bushels of
Our Corn.



value. The particles of starch of which these grains are composed are bound closely together with an oily protein substance which is rich food. In addition to its added food value this oily substance acts as a protection against moisture and decay.

The difference in the weight of ears of corn of the same size depends on the amount of air cells in the grain. Matures in 110 days.

Be sure to
disinfect your
seed with
DuBay Semesan
Jr.
Prices
on
Page 62.

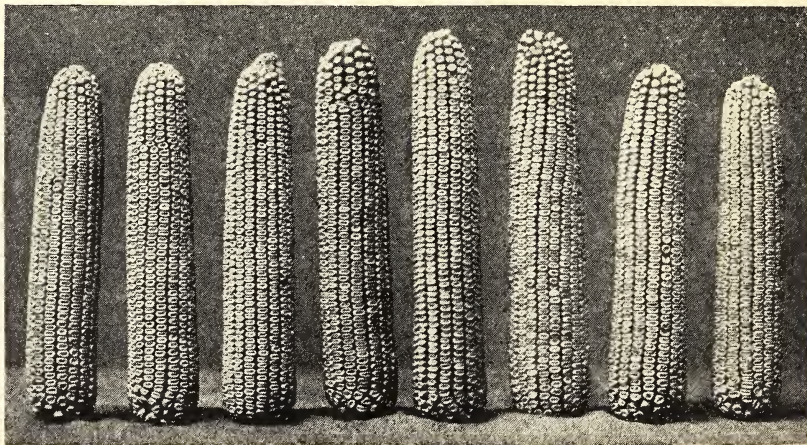


Kelly's Utility Corn

Reid's Improved Yellow Dent

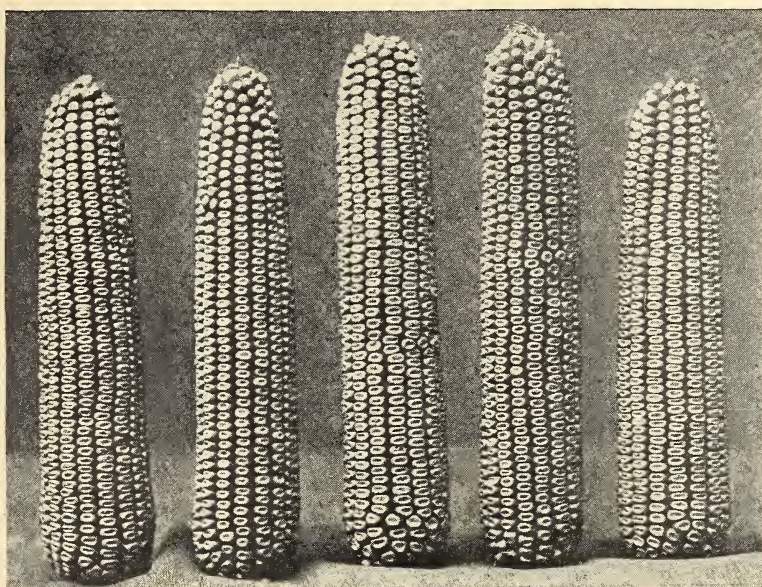
This is a larger type corn. Deep grained. Ears 10 inches to 12 inches long. Rather smoothly dented. Much the same appearance as our Utility only a larger type. We are picking this type smoother and naturally it is earlier than two or three years ago. We have many farmers who prefer it on account of the large ears. A big corn but husks easily, breaking out a clean shank. Many have not yet realized the difference in types of corn and the prize corn at the International Show, this year was not what most of the up-to-date corn growers of Illinois call good corn. Indiana still grows the old type corn, but some of the younger corn growers are beginning to see the advantages of the smoother type corn. Only last spring a Missouri farmer who had won several prizes in his own state with rough corn, also at the International Show at Chicago, brought a sample to Peoria and tried to sell us corn, and became very

much offended when we told him our farmers would not buy his type of corn. While these rough ears are large they do not weigh as much as the smaller smooth grain corn and not nearly so good for feed. We recommend Reid's Improved Yellow Dent for planting south of San Jose, or 20 miles south of Peoria, if planted early in May. This variety is too late to plant north of Peoria. Matures in 120 days. For prices see page 62. Be sure to disinfect your seed with DuBay Semesan Jr.



Reid's Improved Yellow Dent





Krug Corn

One of the highest yielding varieties of corn we know of and the best early corn. This corn was originated by Mr. Geo. Krug of Woodford County and brought into prominence by M. L. Moser, farm adviser of Woodford County for several years. Mr. Moser is now connected with the University of Illinois and has a farm accounting of 400 farms in four counties. Note what he has proven by his records. "That Krug Corn will out yield any other varieties of corn in these counties."

We grew this corn about 9 years ago but it did not prove satisfactory with us. Four years ago we received some more Krug Corn and this strain has proven to be the best early corn we have ever grown. It is not only early maturing but produces the soundest and best corn. On November 6th, election day, one of our growers shelled Krug Corn which graded No. 3, most of this corn being husked in October. We have typed this variety for the past four years but it does not run true to any type and you may be disappointed in its looks, but wait until you shell it and see the wonderful corn and heavy weight.

Grains are rather barrel shaped showing an opening on top between each row. Ears 9 to 12 inches long. Does not grow tall and has a light foliage. This is one great benefit in growing Krug Corn. You do not use up the plant food of your soil in growing big stalks and leaves. Bright and lustrous. Color, redish yellow.

If you live north of Peoria this is the best corn for you to plant, or if you live south of Peoria and want good corn to plant. Matures in 100 days. Prices on page 62. Be sure to disinfect your seed with DuBay Semesan Jr.



Leaming Corn

A very dark rich yellow corn. Rather large ears, 10 to 12 inches long. Our best feeding corn. High in protein content but not hard and flinty. Many cattle feeders buy this year after year. Does not grow as tall as Reid's but has a heavy foliage. Best for silage. Most strains of Leaming are late but this is a medium early maturing corn. Matures in 110 days.

Order Seed Corn Early

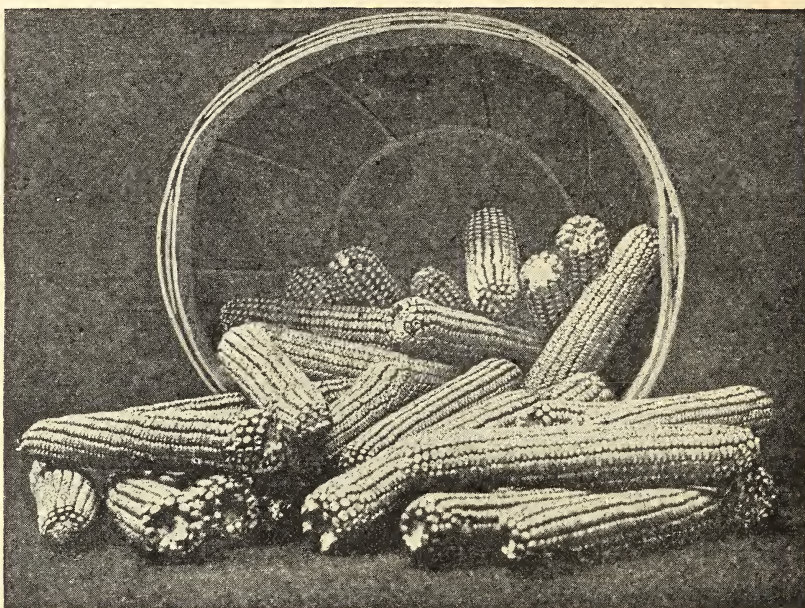
Most every year we sell out of seed corn and many are disappointed. By ordering early you are sure of getting good corn and at no extra cost to you. A deposit of \$1.00 per bushel with order holds corn until March 15th, balance when corn is shipped. Our prices are low for sack picked fire dried corn from disease free seed. Prices on page 62.



Corn Disinfected, 35c Per Bushel Extra

Any corn you buy of us, we will treat with the new product, DuBay Semesan Jr., for 35c per bushel extra. The extra yield by this treatment will pay for the entire cost of the seed.

Last year we treated every bushel of corn we planted and intend to do the same this season. Costs about 5c per acre for treatment.



Kelly 100 Day Yellow Dent

This is an extra early yellow dent corn crossed between an early strain of Reid's Yellow Dent and Golden Eagle. It is not only an early corn but a good yielder, often making 55 to 65 bushels per acre.

One of our growers husked a field just after we had sack picked seed out of it (about October 10th) shelled it and received 86½¢ per bushel, a premium of 16½¢ per bushel over corn sold two weeks later. Ears 8 to 10 inches long, smooth and hard. Medium depth grain. Rich yellow color. Small cob. For early feed, late planting, or to grow north, we recommend this variety. This is what we formerly called Kelly's Big 90 Day and with favorable conditions it will mature in this time.



Bloody Butcher

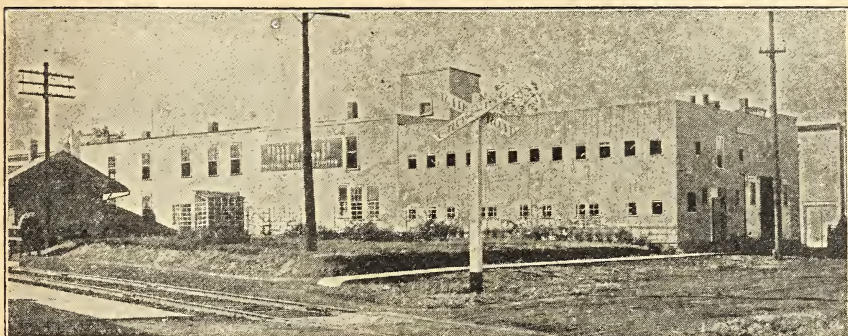
or RED 90 DAY

The corn which will fatten hogs quicker than any other variety. Ears 7 to 11 inches long. Deep red with white tip. Can be planted as late as July first and produce a crop. Good for early fall and winter feeding, but gets too hard for summer use. Price same as other corn. See page 62. Disinfect your seed with DuBay Semesan Jr.



EAR CORN CRATED 50c A BUSHEL MORE

We will sell you ear corn at the same price as the shelled with an additional cost of 50 cents for crate. We lose 25 per cent by tipping, butting and grading, which we gain by selling on the ear. Ear corn will not show as good a germination as our shelled corn because when we tip and butt it we have an opportunity to detect bad ears better than by just picking out a few grains.



This Shows One of our Seed Corn Houses and Cleaning Plant.
It is 50 Feet Wide and 142 Feet Long.

What Legume Shall I Plant?

Will Red Clover do better on my soil? Sweet Clover is cheaper. Possibly I can get by with that? Or shall I sow Alsike because it goes farther?

These are the questions land owners and some tenants are asking themselves. Several conditions should govern your decision in this matter.

If you have a sweet black soil, Sweet Clover will be the best for you.

If you have light or clay soil, we would recommend Red Clover.

If you have sour, wet soil, sow Alsike.

Clovers

Do not rob your soil year after year and expect good crops.

Build up with Red Clover, Mammoth, Alsike, White Blossom Sweet, Yellow Blossom Sweet, Crystal or Grundy, Hubam and White Lawn.

Be sure to inoculate with McQueen's or Kelly's Inoculator. Costs 5c to 25c per acre.



RED CLOVER

Red Clover heads the list of all clovers for all purposes and soils. It is a biennial plant, living but two years, and is especially adapted to crop rotation. Makes best growth on well drained land containing lime but is not so exacting in this respect as Sweet Clover.

Red Clover does not grow successfully in wet or sour soil. Alsike does much better.

This year's crop of Red Clover seed is very short. In fact clover went out with winter wheat all over the winter wheat section and it is doubtful if we ever had as light clover seed crop in the winter wheat belt. While we have several hundred bushels of Illinois grown clover it is of rather dull color. Not weedy but poor color.

We have quite a lot of Minnesota seed which many prefer to Illinois grown seed. This too is not extra bright or plump but shows good germination and is almost free of weeds.

We have some very fine seed from Oregon and Idaho and this seed does well in Illinois. It is bright, plump and clean.

Be sure to inoculate with Kelly's or McQueen's Inoculation. Prices on page 62. Subject to market changes.

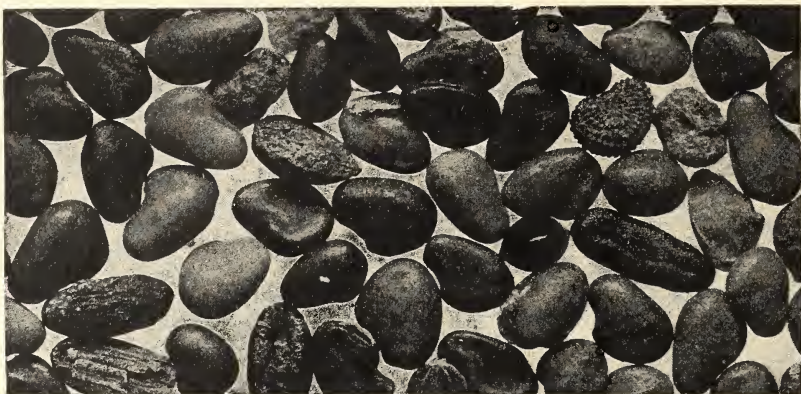
Inoculate Your Sweet Clover, Alfalfa, Soy Beans and Cow Peas



We are glad to see many farmers are inoculating more every year. This is very essential and absolutely necessary on many soils to get any results. You not only increase the nitrogen content of your soil but increase the protein content of your hay as much as 20% by inoculation, and protein is the highest priced food element you buy. You can increase the food value of hay by inoculation so much that 1500 lbs. of hay from a well inoculated field contains more food value than 2000 lbs. of hay from a field which has no Bacteria.

Inoculation for an acre of clover costs less than 10c but is worth 50 times this much to you. All clovers need inoculation. Many think it is only necessary to inoculate sweet clover but it is just as essential to inoculate red, alsike and mammoth.

Be sure to inoculate with Kelly's or McQueen's Inoculation.



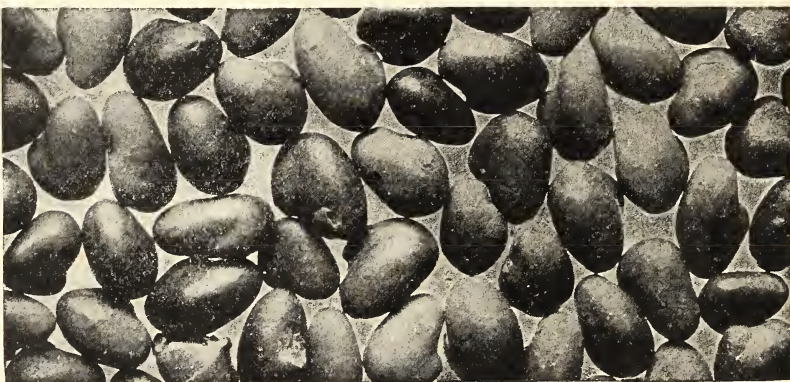
What you get in imported clover. Red clover seed of low grade containing many weed seeds, magnified nine times. Can you pick out of the above picture the Dodder, Canada thistle, Buck horn, ox eye daisy, curled dock or other noxious weed seeds?

Imported Clover Seed

With the great scarcity of red clover and alfalfa which naturally makes the high prices and with the large crop of foreign red clover crop, many dealers are going to push the sale of foreign clover seed. As we have said before in our catalog, we do not favor sowing imported clovers and will not offer any for sale. If they proved as good as our native clovers your government would not discriminate against them by compelling importers to stain the clover. Stained clover seed is a danger signal and we advise you to beware. Today we could buy as fine looking imported clover seed as we ever saw for \$12.75 per bushel, our station.

Southern Clovers and Alfalfa

Kansas, Oklahoma, Missouri and Kentucky produce quite a lot of Red Clover. New Mexico, Arizona, Texas and California, produce much Alfalfa, and Arizona had one of the largest crops ever grown this year. Clover and Alfalfa from these states are not adapted to our section. While we do not sell any seed from these sections, we have this competition by many offering this seed. You are the one to decide which you will sow. We sell only northern grown seed of known origin.



This shows clean clover seed, magnified 9 times. Our native grown seed is like this.

Mammoth Red Clover

Mammoth is the best to sow where you want to build up your soil, or secure a good seed crop. Makes an abundant growth, large root system and adds much humus for plowing under. Poor for hay crop or pasture. Planted this year, it makes a fair growth; next year a heavy crop, and does not come up after first cutting year. For best results inoculate with Kelly's or McQueen's Inoculation. Prices on page 62.



Alsike Clover

Alsike clover seed crop shortest ever known, and prices higher than Medium Red Clover. There is very little home-grown Alsike this year. We are getting our Alsike this season from Southern Minnesota, one of the best producing sections. Northern Minnesota is full of Canada Thistle so we do not take any chances in buying seed from there.

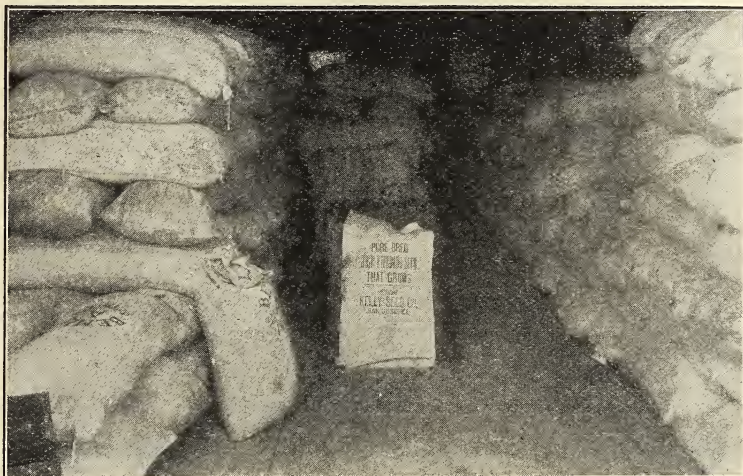
Alsike Clover is very hardy. Is much easier to get a stand of than Sweet or Red. It is the clover for wet or sour soil. Can be sown in spring same as Red Clover. Goes about one-third farther than Red on account of the smallness of the seed.

Alsike with Timothy makes very fine hay. Also good to sow in pasture or clover mixture.

A bushel of good, clean Alsike Clover will sow 12 to 14 acres. Do not plant too deep.

Alsike Clover lives four or five years and will reseed for several years. It is not as good for fertilizer as the Red or Mammoth. Has smaller top and root system.

For best results inoculate with Kelly's or McQueen's Inoculation. Prices on page 62.



Clover Seed in San Jose Warehouse

Order Clover Seed Early

Too many wait until late to buy seed, when sometimes it is impossible to secure good seed, and often the price goes very high. Two years ago we sold clover seed at \$28.50 per bushel late in the season and see no reason why it will not go this high this season. There was a small amount of clover sown last spring on account of the wheat going out. This year there is a large acreage of wheat which should all be sown in some kind of clover or alfalfa.

On good rich soil, sow one bushel to 10 acres. On thin or clay soil, one bushel to 8 acres. Prices on clover seed subject to market changes. Prices on page 62.

Be sure to inoculate with Kelly's or McQueen's Inoculation.

To keep posted on seed prices, listen in over WMBD, Peoria, every Thursday evening at 6.35.

Sweet Clover

Alsike and Alfalfa seeds are highest since the war. Red Clover is going to be high, while Sweet Clover seed is very low in price. In fact the growers claim they lost money this year in growing Sweet Clover and we know most of them did. The acreage was large but storms and frosts ruined most of it for seed.

With Sweet Clover at \$6.00 to \$7.00 per bushel, every acre which will grow it successfully should be seeded with Sweet Clover. There is no legume to equal it for building up fertility; that is, where it will grow. It should be sown rather early, if possible, to get as much growth the first year, as this is the time when it stores up the nitrogen and plant food.

Do Not Cut Hay Late in Fall

This is a mistake many make and ruin the crop both as a fertilizer and as a crop for next season. Pasturing late has the same effect. Sweet Clover does more for the soil from October first to November first than the entire season before October first. This last thirty days is when it stores up the plant food for the next season. By pasturing late or cutting for hay you rob it of this power.

Plow Sweet Clover in Late Fall or Early Spring

Do not allow Sweet Clover to get over 3 inches high in the spring before plowing. It simply translocates the plant food it has stored in its roots to the tops and robs the soil of its reservoir of moisture which is often needed for the corn crop.



Federal Warehouse, Peoria, Illinois

Here is where we store thousands of bushels of seed for our Peoria trade, both wholesale and retail.

Kinds of Sweet Clover

We have four kinds of Sweet Clover. The Big White biennial is the best to sow and the most commonly used. It produces the greatest top growth and also by far the greatest root system. Plant any other variety along side this variety and at the end of the season pull up a plant of each and see the difference. This will prove its merits.

Does not produce seed profitably in this section. Thousands of acres are grown in the north-west on cheap land. Against this you cannot compete.

Do not waste Sweet Clover on sour acid soil. It must have a sweet soil well drained.

On low, rich black soil sow one bushel to seven acres. On thin land one bushel on 4 to 6 acres.

The first year's cutting makes excellent hay. The second year is not good for hay but will pasture 50 per cent more than any other variety of clover.

One of the greatest advantages of Sweet over other clovers is its ability to feed on mineral elements in soil, such as phosphate, calcium and potassium in stable form. Other clovers and plants have to wait for the soil action to prepare these mineral elements so they can feed on and digest them.

Sweet Clover and Alfalfa both have the ability of preparing these mineral elements for other plants.

In order to grow well, Sweet Clover must be inoculated. Use Kelly's or McQueen's Inoculation. Prices on page 62.

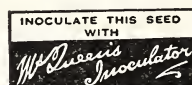
Hubam Sweet Clover

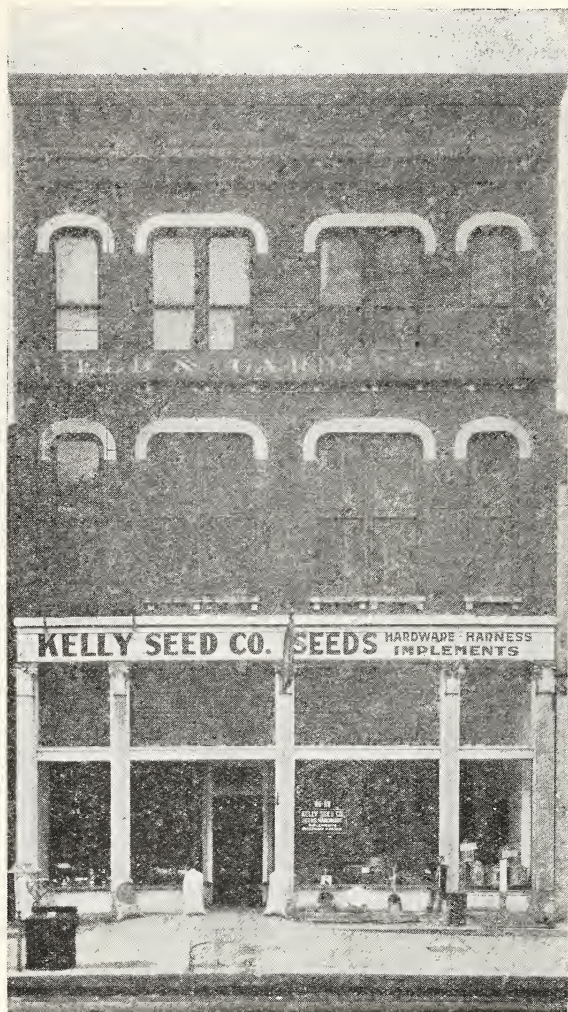
An annual Sweet Clover. Can be sown in late March or early April and make its entire growth and seed crop by October 10th. Discovered by Prof. Hughes of the Iowa Agricultural College in 1916.

In comparison with Red Clover, it grows 4 to 5 feet high where Red Clover grows 6 to 12 inches.

Last year we saw this clover growing near San Jose over 5 feet high. Years ago we sold it for \$1.00 per lb. Today it does not cost as much as Red Clover.

Inoculate with Kelly's or McQueen's for best results.





Our Peoria Store

This shows our Peoria store at 116 - 18 South Washington Street, 36 feet wide, five floors, 178 feet long, located only one and one-half blocks from the busiest corner in Peoria, on best paved street in Peoria. Directly back of Block & Kuhl's store on Washington Street, one block toward the river.

We are well located here, both for our wholesale and retail trade. Basement floor at rear is on a level with paved alley which permits trucks to drive in basement to load and unload.

Everybody goes to Peoria. Come in and see us. Always glad to meet our customers, although we never have the pleasure to meet but a few of them as they are scattered all over the United States.

In one week we shipped to 12 different states and Cuba.

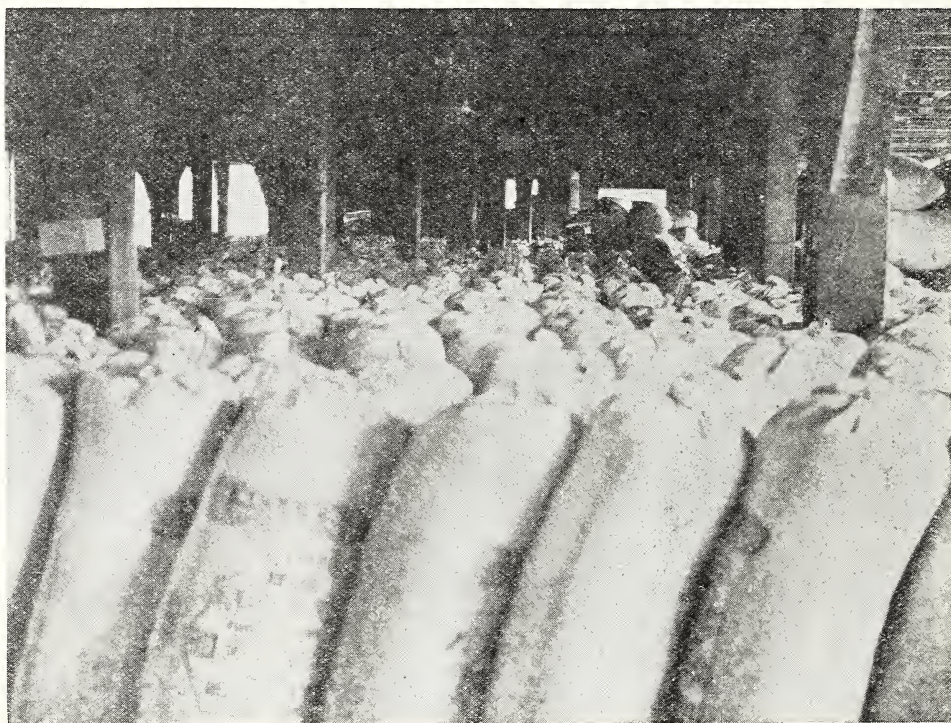
We Broadcast Over Station WMBD, Peoria, Illinois, every Thursday Evening at Six-thirty.

We have contracted to do this for one year, every week, just preceding the live stock markets at 6:35. As seed prices vary so much, we have decided to keep you posted in this way. We will make bids on seeds during the year, quote you on twine, rope, machinery, hardware and many other items. Remember the time—6:30 every Thursday evening.

Grundy County or Crystal Dwarf

Originated in Grundy County, Illinois, many years ago. Today is grown almost all over the United States. In fact, it is hard to get the big white variety, as the Grundy County produces so much more seed that growers are planting more of this for the seed crop.

We are losing faith in Grundy County as it does not make nearly so much growth or as good fertilizer as the Big White. It matures too early for pasture. When you want pasture during late July or August it has ripened and died. Makes a big seed crop and is easy to handle. Can be cut with a binder and shocked like oats. For best results, inoculate with Kelly's or McQueen's.



In Seed House Showing part of 11,000 Bushels of Seed Ready to Ship to You.

How We Handle Our Seed

A part of an eleven thousand bushel lot of seed ready to be shipped. Bags cost us about \$5,000 per year. Many people think we can afford to give bags free. If it was only for what you buy, it would be only a small item, but here you can see a small part of the bags we have to use.

We have the foundation all in and ready to commence work in the spring on an elevator which will hold about 50,000 bushels. We will use part of this elevator for seed storage, which will save handling quite a lot of it in bags.

Yellow Blossom Sweet Clover

Grows much like the Big White, not so tall but bushier. Harder than Big White. Produces more seed. Fairly good for fertilizer and pasture. Much of this variety is grown in Iowa; in fact, more than any other variety. For prices see page 62.



Inoculate Seed for the Land's Sake

Millions of little workers who work for you for months at a very small cost. It is absolutely necessary for the profitable growing of all kinds of clovers, alfalfas, soy beans, cow peas and all kinds of garden peas and beans.

Why take a chance when men who have made a study of this urge you to inoculate?

Professor Sears of the Illinois Agricultural College, says Sweet Clover, or any other inoculated legume grown as a field crop has seven functions:

First—Adds organic matter to the soil.

Second—Fixes nitrogen.

Third—Improves soil physically.

Fourth—Conserves plant food.

Fifth—Prevents plant erosion.

Sixth—Moves plant food up or down.

Seventh—Last but far from least, has a biological action on the soil.

Many times you hear that soil is heavy and dead. Few people realize that the life of the soil is living bacteria which it contains.

For example, the University of Illinois had inoculated Sweet Clover sown on wheat. The next spring every root that would come up with top, on plot 1 was removed. All the top material was carried over to the second plot and plowed under.

The yield of corn where Sweet Clover was grown and removed was 56 bushels per acre. On second plot where it was not grown but plowed under, the yield was 48 bushels per acre. This shows what the increase in soil life by the aid of bacteria does.

Another result of inoculation, by the Illinois Agricultural College:

Yields of alfalfa from fields which were not inoculated produced .97 tons of hay per acre. Compared with 1.81 tons from inoculated fields. This is an increase of almost 100 per cent by use of 20 cents worth of inoculation.

Why will any sane man plant seed without inoculating?

It not only increases the quantity but the quality by increasing the protein content as much as 20 per cent. Protein is the highest priced food element you have to supply. This is why you pay \$70.00 a ton for tankage which is high in protein content.

A can of McQueen's Inoculation contains millions of bacteria which when placed in the soil multiply rapidly.

It is not only necessary to inoculate Sweet Clover and Alfalfa but Red, Alsike and Mammoth as well.

Why pay \$20.00 or more for a bushel of clover seed and lose the profit and the cost of it for \$1.00? This would simply be poor business judgment and still we have farmers who "know everything" and will not inoculate.

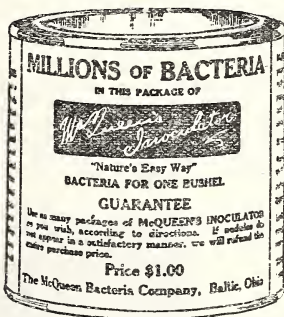
NEW REDUCED PRICES

Clover and Alfalfa		Soy Beans, and Cow Peas	
— 1/2 bushel size.....	\$0.50	— 1 bushel size	\$0.50
— 1 bushel size.....	1.00	— 2 bushel size	1.00
— 2 1/2 bushel size.....	1.75	— 5 bushel size	1.75
Garden size, peas and beans.....	.20	10— bushel size	3.00

Postage prepaid.

Order Inoculation with Seed

We can place it in bag of seed, or send it by parcel post prepaid. You must state what kind of seed you wish inoculated. McQueen's is the easiest to use. Instructions in every can. Note prices are postage paid.



Kelly's Inoculator

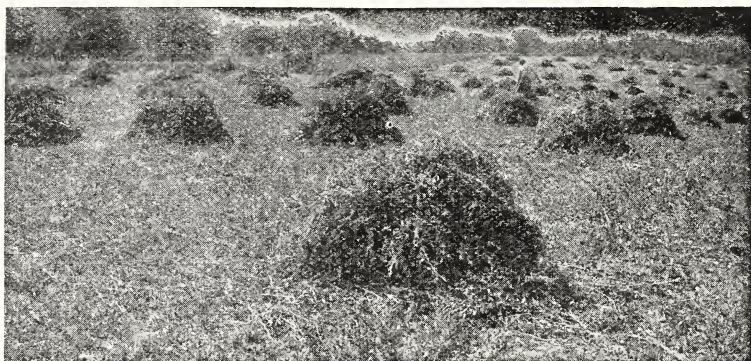
We have some demand for a pure culture, or jelly foundation which can be sold at a lower price than McQueen's, which is the hardiest of all cultures, in fact the only out-door grown inoculator.

We have given one of the best growers of this kind of inoculation a contract to have several thousand bottles put up under our own label, which we call "KELLY'S INOCULATOR, and which we personally guarantee.

By doing this we are able to give you a good inoculator at a very low price, allowing ourselves only a very small profit. Put up in bottles, with patented stoppers. One bushel size for red, alsike, mammoth, alfalfa, sweet clover, 50c; half bushel size bottles, 30c. One bushel size for Soy Beans and Cow Peas, 30c; 5 bushel size for Soy Beans and Cow Peas, \$1.00. Sent by parcel post or with seed.

Inoculation of Soy Beans

Washington, D. C., U. S. Report: To plant Soy Beans from the same lot of seed, on the same field, during the same summer, and the same amount of fertilizer, and make one plot yield three times as much hay as another plot is an accomplishment worth mentioning. Such a large increase measured in terms of dry hay during the past summer was made by inoculation of Soy Beans with bacteria. The inoculated plants were much greener and healthier than those untreated and also contained many more seed pods. Soy Beans which is not inoculated are soil robbers. Inoculate all legumes.



A Field of Fine Alfalfa, worth \$30.00 per ton compared with grain feed.
A good field will produce four tons a season.

We Guarantee McQueen's and Kelly's Inoculation

Every can or bottle is guaranteed to produce nodules on roots of legumes. Use as many cans as you like. If it does not do this, we will refund your money.

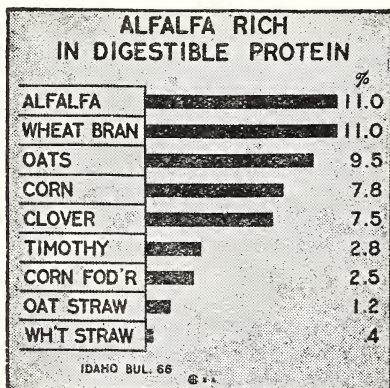
Alfalfa

The Wonder Crop



It pays 150 per cent profit. Three acres of corn and one of alfalfa makes more beef than four acres of corn, and builds up one-fourth of your acreage at the same time.

Grow your own protein in Alfalfa. The chart at the right shows Alfalfa hay contains as much digestible protein as a ton of wheat bran. You can easily grow 3½ tons of Alfalfa hay to an acre which figures at the price of pure bran \$30.00 per ton, making an income of over \$100.00 per acre.



Alfalfa is the most palatable hay you can grow. A cow will eat more of this than any other legume, and also every other animal and fowl on the farm will eat Alfalfa hay and thrive on it.

There are 222 lbs. of digestible protein in a ton of Alfalfa hay from inoculated seed while only 142 lbs. of protein in a ton of Red Clover hay which has been inoculated.

Dairymen who do not grow Alfalfa hay, do not make the profit they should.

Alfalfa hay and corn make a balanced ration. Corn produces fat and Alfalfa produces protein, building bone and muscle, the frame work of the body.

Lime your soil if needed, buy good clean northern grown seed which is adapted to your section, inoculate your seed and you will have no trouble in growing Alfalfa successfully.

Cut when about one-fourth in bloom. Do not cut or pasture late in fall.

Young Alfalfa plants will not stand crowding by weeds but after an Alfalfa plant has secured a start it will crowd out many weeds. A heavy seeding of Alfalfa will do much toward killing out Canada Thistles.



Common Alfalfa, 134 stalks, 2 roots

Certified Grimm Alfalfa

The best variety to sow on fields you expect to leave stand for a long time. It is a different plant from the common. Grows closer to the ground, has a branching root system. Note the difference in the two pictures. Grimm does not winter kill, the great branching root system seems to hold it firmly to the ground, and furnishes sufficient plant food to produce a heavy crop.

A single plant will often produce 150 to 200 stalks of hay. We have both Montana and Dakota grown Grimm.

Price some higher than former years.
Grimm seed usually retails \$25.00 to \$28.00 per bushel. This year around \$27.00. For prices see page 62.

Cossack Alfalfa

This variety was originated in southern Russia and was discovered by the agricultural authorities of Russia. Prof. Hanson, of the South Dakota Agricultural College, brought some of the seed to this country where it has proved to be exceptionally hardy. Sells at about same price of Grimm.

For prices see page 62.

Best Time to Sow Alfalfa

A good time to sow Alfalfa is after the frost is out of the ground, about April 1st, on wheat ground or with barley or oats as a nurse crop.

If sown on wheat ground run over with rotary hoe once or twice, sow seed then run over again later, or put it in with a disc grass drill.

If with oats or barley put in this crop, harrowing down level. Sow Alfalfa seed and run over lightly with rotary hoe or corrugated roller.

The best time to sow Alfalfa is about August first. Plow ground early in April, work every week or ten days to keep down the weeds and conserve moisture. Sow about August, first with drill or work in with rotary hoe. Do not work too deep or you will never see it again. Half inch is sufficient. Put lime on at least 6 months before sowing.

Varieties to Grow

There are about 65 different varieties of Alfalfa but we recommend only four. It depends on how long you expect to leave your field as to which would be the best to sow.

If planted for short time or for crop rotation for two or three years we would recommend Utah or Idaho grown seed as it usually does well and costs considerably less. Both are hardy as they come from a cold section.

Owing to the scarcity of all Alfalfa, this seed is higher than usual but it will pay you to use it in preference to southern or southwestern grown seed which do not stand our climatic conditions.

Buy your Alfalfa from a reliable seed firm and of verified origin. Prices on page 62.

Black Hill Dakota No. 12

This is a very hardy variety and under nominal conditions we recommend it above all others, price, etc., considered, but this year's seed crop is almost a failure.

The price is so near the price of Grimm seed that we advise growing Grimm. Plant Grimm to leave stand for a long time.

The Dakota No. 12 will produce more hay than Grimm but not quite as hardy.

We have some Dakota No. 12 bought direct from the growers in the Black Hills, but have only a limited amount.

Our No. 12 is all certified seed.



This shows the root system of Grimm alfalfa. A three-year old plant, grown by Ed. Stansbury, near San Jose. 184 stalks of hay growing from one plant.



Impurities often found in Red Clover, Alsike, Sweet Clover and Alfalfa seed.

Key to Weed Seeds

1, bracted plantain; 2, black seeded plantain; 3, rag weed; 4, ox-eye daisy; 5, red clover; 6, catmint; 7, crab grass; 8, field dodder; 9, sorrel; 10, dog fennel; 11, chickweed; 12, lamb's quarter; 13, green fox-tail; 14, prickly sida; 15, vervain; 16, madder; 17, yellow foxtail; 18, clover dodder; 19, heal all; 20, yellow trefoil; 21, spurge; 22, curled dock; 23, lady thumb; 24, buckhorn Rounded face, grooved face shown in 29; 25, mustard; 26, alsike clover; 27, ox tongue; 28, pig weed; 29, buckhorn; 30, Canada thistle; 31, campion; 32, wild geranium; 33, pepper grass; 34, camomile; 35, mallow.

Amount of Alfalfa Seed to Sow

This depends greatly on kind of soil. On rich, black swamp soil a good stand of Alfalfa can be grown with 8 lbs. per acre. On average soil, 10 to 15 lbs. per acre. On thin or clay soil, we would recommend 15 to 20 lbs. per acre. It does not pay to skimp on seed.

Clover Mixture

Our Greatest Bargain



We have sold this mixture for many years with gratifying results. We have found by experience that in sowing this mixture you will get a better stand and produce a better crop than any one clover separately.

Some parts of a field are sweet and will grow Sweet Clover, some are sour and Alsike will grow best, and Red Clover will do well on most of the fields.

You will notice we have left out the Alfalfa seed this year. The price is too high compared with Sweet Clover which will grow anywhere Alfalfa will grow.

Have you ever noticed how thick a weed patch grows, some weeds growing better on one place than another?

Alsike grows close to the ground, Red Clover a little higher and Sweet Clover above them all, making a three story crop

While we use good seed in our mixtures we can sell them at a lower price on account of being able to buy mixed seed cheaper. Sometimes Red Clover with a little Alfalfa or Sweet Clover. Sometimes Red and Alsike mixed. We analyze the amount of each and mix accordingly.

We figure this mixture at 60 pounds to the bushel and recommend 8 pounds to an acre.

We mix these seeds in proportion to make the best crop which is as follows: Red Clover, 20 lbs.; Alsike, 15 lbs.; Sweet Clover, 25 lbs.; total, 60 lbs. Approximate price \$13.00 per bushel subject to market changes. See page 62.

Pasture Mixture

Many times during a season we have customers wanting to know what to sow to make a good pasture. We have figured the following to be the best mixture to sow, some of which will stand dry, hot weather, some better with real wet. Some better on some soil and some on another. Five pounds red clover, 6 pounds alsike, 10 pounds sweet clover, 20 pounds timothy, 4 pounds red top, 2 pounds blue grass. Sow thick for best results. About 8 pounds per acre on average soil. For actual prices see page 62. Approximate price will be \$7.50 per bushel of 50 lbs.

Timothy

The standard hay of commerce. In order to get a meadow or pasture started it is necessary to use some timothy which is a good plant to sow on all grounds. If you sow with clover seed a sprinkling of two quarts per acre, this will hold the clover from lodging and also from falling down and moulding. When the clover is plowed the timothy roots keep the soil from running together and getting hard.

At the present low price it is well to sow a good acreage of timothy. For prices see page 62. Approximate price from \$2.50 to \$3.50 per bushel.



Kentucky Blue Grass

We are the largest buyers of Kentucky Blue Grass in Central Illinois, buying our seed direct from the cleaners in Kentucky and Missouri. We do not buy light, chaffy seed. Most of our seed weighs 21 lbs. to the bushel while the regular weight of one bushel of Blue Grass is 14 lbs. Light chaff and hulls so often received in Blue Grass is of no value whatever, but used by many concerns as a filler. Prices: Single lb. 45c; 5 lbs. or more, 42c; 10 lbs. or more, \$4.00; 50 lbs. or more \$18.00; 100 lbs. or more, \$35.00. Special prices quoted on large quantities.

Red Top

Red Top belongs to the Blue Grass family. Will grow on the poorest soil and it is said red top is the last thing that will grow before soil is abandoned.

Southern Illinois, in the Hard Pan section, red top is grown profitably. Red Top makes a good pasture, and a fine mixture with blue grass for a lawn. When blue grass dries and burns up, red top stays green and thrives.

Red Top will also grow in shady places where other grasses will not grow.

Red top much lower in price and should be sown in all pasture mixtures this year. Solid seed 25c per lb.; 5 lbs. \$1.20; 50 lbs. \$10.00; 100 lbs. \$18.50. Special prices in larger lots.

White Dutch Clover

This is the little white blossom clover you see growing in your lawns and pastures. We get this seed mostly from Wisconsin where it grows year after year without having to be reseeded. Price: 43c per lb. 5 lbs. \$2.10; 50 lbs. or more, 40c per lb.

Grass Seeders

Cyclone Seeder

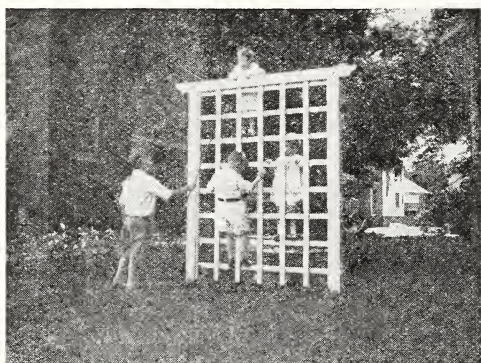
A small double feed seeder which insures a uniform flow of seed at all times. Trip gears, adjustable take-up of wear of gears. Price, \$2.00 each.



Horn Seeder

The horn seeder and sectional tube with brass seed gauge. A low priced seeder which does effective work, sowing from 15 to 20 feet wide. Forty acres a day can be sown with one of these seeders. Not affected by wind conditions as much as some other seeders. Adjustable, sowing any amount. Price, 90c. With seed or sent parcel post.

Kelly Evergreen Lawn Grass



Notice how a nice lawn and surroundings improve the appearance of a home. This shows James Wallace Kelly at the top of the lattice, Gordon Brian Kelly on the ground, and cousins Frederick Brian and Margaret Brian on the lattice.

to a fine condition, removing all the stones, and other foreign material. Work the top soil every ten days, killing out the weeds before planting. Be sure to have soil in good condition before seeding. If soil is very sour, add lime, if you expect to grow clover in your mixture. We prefer to start a lawn with narrow leaved grasses such as blue grass, red top and others.

These grasses do much better on acid soil, and your lawn will always be much freer of weeds. Sow August 15th.

Roll down solid before seeding. Sow KELLY'S EVERGREEN Lawn Grass, one pound to 400 square feet, which is at the rate of 108 lbs. per acre. Rake or harrow in to a depth of $\frac{1}{2}$ an inch, then roll again. By seeding in the fall frost kills all weeds which saves weeding, and grass will have a start for next summer's sun.

You must have a soil high in nitrogen to grow a good lawn, so about the first of October give this a top dressing of sulphate of ammonia which contains more than 20 per cent nitrogen, using 1 lb. to 250 square feet.

We also recommend Swift's Vigoro, (which is a condensed plant food high in nitrogen) to be applied at the rate of $2\frac{1}{2}$ lbs. to 250 square feet.

To Reseed an Old Lawn

If you have a fair stand of grass and want to thicken, we prefer to reseed in the spring, early if you do not have a sprinkling system, sowing around March 20th at the rate of one pound to 500 square feet.

As soon as the soil is dry enough to permit, roll with a heavy roller. It is well to roll a lawn often to keep level and soil packed.

About May 1st top dress with Sulphate of Ammonia at the rate of 1 lb. to 250 feet, or use Vigoro at the rate of $2\frac{1}{2}$ lbs. per 250 square feet.

Always apply when grass is dry, wetting down with enough water to wash all crystals off the blades of grass, to prevent burning. Never apply lime or wood ashes if you want to eliminate weeds. To have a beautiful lawn it is necessary to apply large quantities of nitrogen, which should be applied every year, early in the season, soon as grass has a good start.

A lawn should be reseeded every two years.

Shady Place Grass

This mixture is mixed especially for shady lawn and spots where it is difficult to get a permanent growth of velvety grass. For such purposes use our shady place mixture. Some grasses do much better in the shade than others, and in this mixture we have used grasses best adapted for this purpose.

Price per lb. 50c; 5 lbs. \$2.25; 10 to 50 lbs. per lb. 45c; 50 to 100 lbs. 40c; 100 lbs. or more, \$37.50.

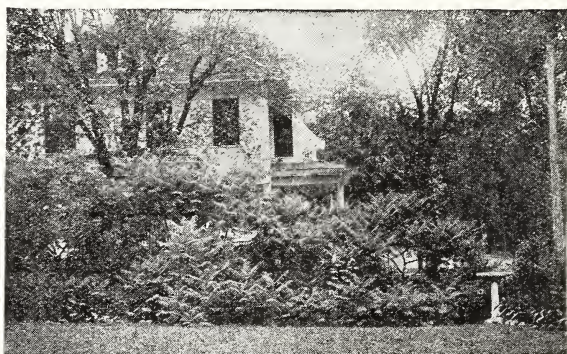
A beautiful lawn is a pleasing sight to any one and adds greatly to the appearance of any home, large or small. As a rule, the lawn is a good index as to the condition of the home inside. If a well kept lawn, usually a well kept home and a business or a profession in the same condition.

We mix our own lawn and golf grasses of the best grasses for the different purposes intended. We make a specialty of mixtures for Golf Courses, Country Clubs, Park Boards, Cemetery Associations, School Boards and homes.

Mixing lawn grass seed which will produce the desired results requires the knowledge of many grasses, which takes time and experience to learn. Sow 1 lb. to 400 square feet. Price Kelly's Evergreen Lawn Grass: Less than 10 lbs., 50c; 10 to 50 lbs., 45c per lb.; 50 to 100 lbs., 40c; 100 lbs. or more, \$37.50.

How to Have a Good Lawn

The best time to start a permanent lawn is in the fall. About July 1st, spade or plow the soil eight or nine inches deep, working down the top soil every ten days, killing out the weeds before planting. Be sure to have soil in good condition before seeding. If soil is very sour, add lime, if you expect to grow clover in your mixture. We prefer to start a lawn with narrow leaved grasses such as blue grass, red top and others.





Dwarf Essex Rape

Last fall we imported a carload of very fine Rape Seed which we bought in Holland at the bottom price of the season. This is genuine Dwarf Essex Rape. It was on the ocean 6 weeks so you see freighters are not so fast. It came into New Orleans by boat and then by Illinois Central to Peoria. In two or three years more when the deep waterway is completed we can have it shipped all the way by water to within four blocks of our Peoria store.

Rape makes a wonderful crop and a good cheap hog pasture, also good for sheep.

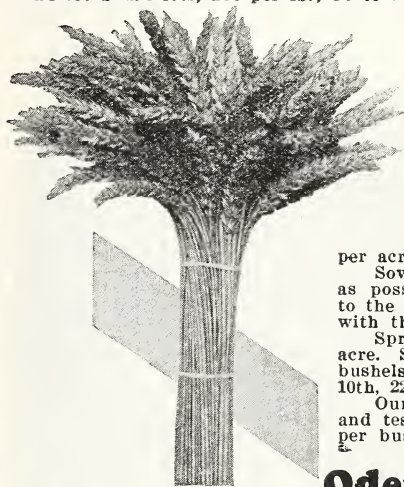
Many sow rape at last cultivation of corn and have a cheap fall pasture for hogs until freezing weather.

Sow 12 to 15 pounds per acre for pasture. With corn, sow 10 lbs. per acre.

Price: Small lots, 10c per lb.; 50 to 100 lbs., 8½c per lb.; 225 lbs. (full bag), 7½c per lb.



Dwarf Essex Rape makes good feed for sheep



Marquis Spring Wheat

Illinois No. 1 and Marquis Wheat

These are the two best varieties of spring wheat which produce the largest yields and best quality. Last year we sold thousands of bushels of spring wheat and could have sold much more could we have secured seed in time to do so. Do not wait until you want to sow before ordering your spring wheat. About the time you get ready everyone else does and some cannot get seed.

We had one customer last year who raised 38 bus. per acre of Marquis wheat.

Sow spring wheat the first of February or thereafter as soon as possible. You will notice from the sowing dates, according to the Illinois Agricultural College, that the yields vary greatly with the time sown.

Spring Wheat sown the 6th of March yielded 29 bushels per acre. Same variety sown March 16th, 10 days later, yielded 27 bushels per acre; sown March 29th, 23 bushels per acre; April 10th, 22 bushels per acre.

Our stock of spring wheat is all Illinois grown, re-cleaned and tests above 60 lbs. to bushel. Prices will be around \$1.75 per bushel. See page 62 for exact prices.

Oderbrucker Barley

Oderbrucker 6-row, the old reliable variety, is the one which is used mostly in this section. Barley is fast becoming a regular crop in Illinois. Pays much better than oats, just as easy to grow and makes the best nurse crop of any grain. Does best when planted early. Sow 1½ bushels per acre. See page 62 for prices. Approximate price, 90c per bushel.

Wisconsin Pedigreed

This, as the name implies, is a Wisconsin Product, produced by Prof. Moore, of the Wisconsin Agricultural College. The result of 12 years experiment breeding for seed. High yielder with very stiff straw, plump grain and very hardy. Our stock of barley is limited and advise ordering early. Last year we sold as much as a car load to a single order. Price: 90c per bushel, subject to market changes.

Velvet Barley

A new barley which has beards but no barbs. Not as bad to handle as bearded wheat. Very hardy, originated by Minnesota Agricultural College. Yields as well as any other variety. Seed came from originator and bought by us in Minnesota. Price, small lots, \$1.40 per bushel; 25 to 50 bushels, \$1.35, above 50 bushels Price \$1.30 per bushel. Bags holding two bushels, charged at 10c each.



Oderbrucker Barley

Big Four Oats

One of the old standards and the best big late white oat. Some want a later oat and this we recommend. Price, small lots 75c per bushel; 25 bushels or more 70c per bushel.

Iowar Oats

Of the many varieties of oats we have found this to be the best all around of any. It is an early oat but not as early as the Iowa 103. Yields better, more straw, and stands up better in average season matures about July 7th. The Iowar is a white oat of the Kherson variety, developed by the Iowa Agricultural College. For exact price see page 62. Approximate price, 75c per bushel; 20 bushels, 70c; 50 bushels or more, 65c. Special prices on large quantities or carloads. Bags holding 4 bushels, 15c each, or you can send bags for shipping.

Hulless Oats

The best kind to grow for feed. Grows a big plump grain without any hull. There is very little feeding value in oat hulls. Will produce more pounds than hull oats. Great for hogs or chickens. Sow 60 lbs. to the acre. Price, 5c per lb. in small lots; 100 to 500 lbs. 4½c per lb.

Sudan Grass

Great for hay and pasture. A great emergency crop, producing big crop of hay, or pasture in six weeks that will last until frost. Make a much better quality of hay than Millet. Belongs to the sorghum family. A very rich feed. Will make two crops of hay if planted early and cut before it grows too coarse.

Do not plant Sudan Grass seed before May 15, sowing 12 to 15 lbs. per acre. Price of cleaned

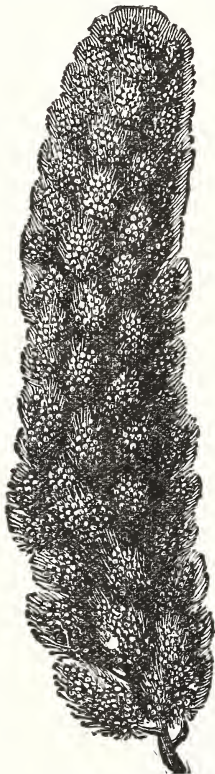
seed, free from Johnson grass. Small lots 10c per lb.; 25 to 100 lbs. 8c; 100 to 500 lbs. 7½c. Bags 15c or send bags.



Sudan Grass

German Millet

Often called the Golden Millet on account of color. The best variety of Millet to sow. Grows tall, stiff stem with broad, green leaves. Not as early as the common but produces more hay and seed. Millet will make a hay crop in 50 days and seed in 65 days. Sow 20 to 25 lbs. per acre.



German Millet

Alsike and Timothy Mixture

These two often grow together and as it is impossible to separate them we have to sell them as a mixture. We usually buy this seed at a low price on account of the mixture and sell it the same way. It is a good mixture and makes the best hay. Both mature at the same time which is quite important.

Alsike is very hardy and grows on most any kind of soil, stands lots of tramping such as grasses in pastures often get.

We reclean this seed and offer it at a price that will pay you well to buy. We sell 50 lbs. to the bushel. Sow 5 lbs. per acre. Prices on this mixture are subject to market changes.

Prices: 50 per cent alsike and 50 per cent timothy, \$9.75 per bushel; 25 per cent alsike and 75 per cent timothy, one of the best mixtures for hay, \$7.00 per bushel.

Cow Peas

Cow Peas to sandy soil is like food to a starving man. By growing Cow Peas on sand, 25 bushels of wheat per acre can be produced where without the Cow Peas the yield would not be

over 12 to 15 bushels per acre.

Cow Peas like Soy Beans should always be inoculated. Cost of inoculation for Soy Beans and Cow Peas cost very little. See page 18 for prices and description.

We are near the greatest Cow Pea section in the United States, that of the western part of Mason County where Cow Peas grow on Blow sand where other vegetation will not grow. The best quality of seed is always produced from real sandy soil.

We buy direct from the grower and truck them to our San Jose plant where they are cleaned and graded ready for market. There are very few pure strain peas offered as the farmers claim the mixed do the best.

Cow Peas should be planted early, from $1\frac{1}{4}$ to $1\frac{1}{2}$ bushels per acre. Mixed peas mostly Whippoorwill, New Era, Red Ripper and Clay. Always inoculate with McQueen's or Kelly's inoculator. See page 62 for prices.

Silver Hull Buckwheat

For the latest profitable crop plant Buckwheat. Buckwheat will mature in 60 days and for this reason it may be planted after wheat is cut or on low lands where crop cannot be put in before this date.

Last year we sold many hundreds of bushels of Buckwheat which was planted on low lands where too late to put in corn. Buckwheat can be planted just the same as wheat, sowing about a bushel per acre.

The best time to sow Buckwheat in Illinois is about July 1st. An average crop around 18 bushels per acre; 50 lbs. to the bushel.

There are two varieties grown in this section—the Japanese, most of which is grown in the extreme north and the Silver Hull which is the best adapted here.

Silver Hull has a rather small grain, light gray in color, very productive, and makes high grade flour. Price: \$2.25 per bushel; 10 bushels, \$2.10; 25 bushels or more, \$2.00 per bushel. All subject to market changes. Sow one bushel to acre.



Buckwheat

Soy Beans

The Soy Bean has taken the place of Oats in some sections. Where farmers have a combine Soy Beans can be handled profitably. The last five years have been rather discouraging for the growing of Soy Beans as at the time of harvesting the weather has been such that a good many spoiled in the shock.

The American Milling Company of Peoria helped the Illinois farmer greatly in 1928 by guaranteeing a price of \$1.35 per bushel delivered at Peoria.

On November 25th, Mr. White, of this Company, told us they had on hand over 750 thousand bushels of beans and more coming in every day. The American Milling Company, one of the largest manufacturers of feed in the United States, use all this Soy Bean meal in their feeds and while they grind 5,000 bushels of Soy Beans a day, do not get enough meal for their needs.

No doubt, in 1929 Soy Beans will bring \$1.35 per bushel, or more, at the mills.

Why Not Grow Your Own Protein in Soy Beans?

Soy Beans are worth \$1.75 per bushel when fed to hogs and the hay is richer than the best clover hay, only alfalfa hay being better feed.

Soy Beans should be put in early, not later than May 15th, May 5th being the best time.

Soy Beans which will grow this year are very scarce. While there are millions of bushels of Soy Beans, only a few will grow.



Planted May 5th. Note heavy stand

Varieties

There are several hundred different varieties of Soy Beans but only five or six which are best suited to our section.

MANCHU

The Most Popular Bean for the Corn Belt

A medium early bean, maturing in 105 days. Well adapted for Central Illinois. Well suited for hogging down with corn, maturing about the same time as Reid's Yellow Dent. Does not shatter easily. Stands up well. Medium large, about 2500 to a pound. High in oil content and makes fairly good hay. For price, see page 62.

EBONY

The Best Hay Bean

We recommend this as the best hay bean. Produces a fine quality of hay, small stems, medium large leaves, stands up well, matures in 115 days. Black beans always show a better germination than yellow. The Ebony is a small black bean, about 3700 to a pound. One of the oldest varieties in the U. S., being introduced from Corea in 1901.

ITO SAN

A small yellow bean. About 2600 to a pound. Early maturing about 100 days. Well adapted for Central and Northern Illinois. Good for a seed bean or for hogging down. If sown early can be off the ground in time for wheat.

ILLINI

A New Variety

A new variety which has proven to be one of the best. A very high yielding bean. Small yellow round bean, about 3000 to a pound. Early maturing, stands up well, and does not shatter. We have some Certified Illini, also some from certified seed. See prices, page 62.

Midwest

A medium maturing bean which is composed of several different varieties, Medium Yellow, Mongol, Hollybrook and others. Small yellow bean, about 3500 to a pound. Large leaves. Stands up well. Good for silage or hay.

Inoculate Soy Beans

The inoculation of Soy Beans is an absolute necessity to grow them successfully. Do not think you can get by without inoculating the seed. You not only increase the yield but the quality and quantity as well.

We do not ask you to take our word for this but give you a table from the University of Illinois Agricultural Bulletin No. 310, which you should write for and read. This new bulletin was written by three of the best authorities in the United States on Soy Beans.

SOY BEANS AND COW

PEAS

McQueen's Inoculator

1 bushel size.....	\$0.50
2 bushel size.....	1.00
5 bushel size.....	1.75
10 bushel size.....	3.00

Kelly's Inoculator

1 bushel size.....	\$0.30
5 bushel size.....	1.00

Table 7—Effect of Inoculation on Composition and Yield of Manchu Soy Beans,
University Farm, Urbana, 1924

	Yields		Protein content			
	Hay	Seed	Hay		Seed	
	Tons	Bu.	perct.	lbs. per ton	perct.	lbs. per ton
Inoculated	2.53	46.6 ¹	15.81	316.2	35.25	705
Not inoculated	1.78	34.7 ¹	14.62	292.4	31.05	621
Gain for inoculation.....	.75	11.9 ¹	1.19	23.8	4.20	84

These are facts which show a gain of 1500 lbs. per acre increase in hay and 11 9/10 bushels increase in seed by proper inoculation of seed. Also notice the increased protein content of hay.

Be sure to inoculate with Kelly's or McQueen's Inoculation.

Clipper Mill

Note—Not Standard as Last Year.

We have been appointed by A. T. Ferrel & Co., manufacturers of the Clipper Mills as general agents for Illinois. We buy these mills 68 to a carload which saves freight and handling charges on small shipments. By shipping them from San Jose or Peoria to any point in Illinois we can save you considerable freight.

We job these mills in Illinois so ask your seedsman, hardware or implement dealer for these machines. If no dealer in your section, send order to us at Peoria or San Jose and we will ship from nearest point to you.

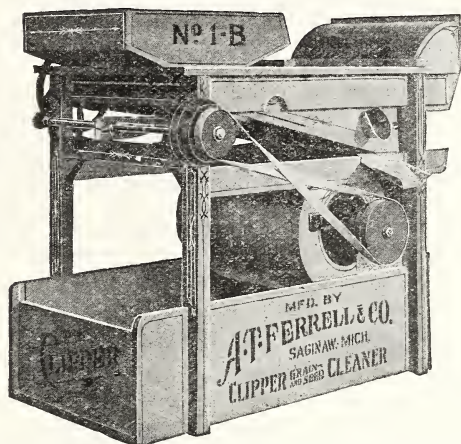
Use the Clipper to clean all the seed you sow. You increase the yield of good seed by cleaning. You often have large or small lots of seed to clean for market. A Clipper will pay for itself every two years on an average farm.

The Clipper comes equipped with 12 screens, including corn sieves for grading seed corn. We have used Clipper Mills in our seed business for 23 years and have found them to be the best mill made.

Made in many sizes. No. 1-B, capacity for wheat and other grain, 20 bushels per hour. No. 2-B, 25 bushels per hour.

Capacity of No. 1-B with clover and other seed, 10 bushels per hour. No. 2-B, 15 bushels per hour.

Price of No. 1-B complete with 12 sieves, \$35.00; No. 2-B with 12 sieves, \$42.50. We will pay half the freight on shipments over 100 miles from our nearest shipping point.



Sorghum Cane

We have two kinds of cane. Early Amber which is the best sorghum cane, matures in about 100 days, and produces a rich syrup for sorghum. For sorghum, plant in rows, using about 10 lbs. to the acre. For seed, broadcast 25 lbs. to the acre. Price, 10 lbs. 4¼¢ per lb.; 50 to 100 lbs. 4¢ per lb.; 100 lbs. or more, 3¾¢ per lb.

RED TOP OR SUMAC is the best variety for foliage and dry hay. Not as coarse as the amber. Takes longer to mature, on account of great amount of sugar, is also very good for sorghum. Cane produces a great crop and more should be used. Price, 10 lbs. 4¼¢ per lb.; 50 to 100 lbs. 3¾¢ per lb.; 100 lbs. or more, 3½¢ per lb.

Grades of Seed

Our "Illinois Brand" is always the best we can grow or buy, always above 99.50 pure of weed seeds, plump and bright.

"Full Value" grade is fancy seed, 99.00 or better pure of weeds, all double re-cleaned over our big power mills, sand, fine dirt and small weeds taken out. Good grade to sow and at reasonable price.

"Prime" this grade is well re-cleaned seed but contains some small and brown seeds. Not as bright as the other grades but will grow and is well worth the price.

Bags For Shipping

We want you to understand that we do not expect to make any profit on bags but they cost us at least \$5.000 a year and we cannot afford to furnish them to you free with all seeds.

When we buy a bag of seed or a car load we expect to pay for the bags. One or two bags look like a small item to you, but the total amount used is not a small item to us.

With wheat, barley, clovers, alfalfa, timothy and other small grains we make a charge of 35c each for every cotton bag which hold 2½ bushels. With Soy Beans and oats, we ship in burlap bags at 15c each.

Bags are weighed in at no extra cost with seed corn and cow peas. In full bag lots of 2½ bushels of corn we always ship in good cotton bags. If you prefer to send us good bags we will ship in your bags at no extra cost to you.

Terms—Cash

All farm seeds are strictly cash to all. We deal with thousands of customers all over the United States, most of them strangers to us, so you can see this is the only way we can do business. We pay cash for seeds and as they are sold on a very small margin of profit we sell them for cash only.

Send draft, express or money order, or for your convenience, send your personal check. We also send shipper's order and draw on your bank, allowing you to inspect the seed before you pay for it. Always give us the name of the bank through which you wish us to draw.

All seeds sold f. o. b. San Jose or Peoria. If you want to know what the express or freight is from our station, (see page 6). Seeds go at low freight rate and costs will not be much.

Why Our Prices Are Lower

No doubt you wonder why we are able to sell high grade seeds at the low prices we quote. Here are a few of the reasons:

The seed business is a seasonable business and if we handled just seeds, as many firms do, there would be quite a lot of time when our men would not be busy and the expense would go on which must be added to the cost of the goods.

We do not depend on one line for profit but we have several. At San Jose we have a hardware store, a furniture store, a harness shop, automobile and garage business, besides the growing of seed corn and a seed business. At Peoria, we have hardware, harness, implements, spraying material and insecticides, besides the field and garden seed business. By combining these businesses it reduces the cost of them all.



GARDEN SEEDS

Send all garden seed and bulb orders to 116-118 South Washington Street, Peoria, Illinois.

B. F. Adams Co., the firm we bought out three years ago, were for many years the largest garden seed distributors in Central Illinois and we have continued this part of the seed business at Peoria.

We buy garden seeds direct from the largest growers in the United States who make a specialty of their lines. Some grow peas and beans, some onion seeds, some tomatoes, some watermelons and other vine seeds, each an expert in what they grow.

We buy seeds in large quantities, as much as 5,000 lbs. of beans of one variety, and furnish them to you in any quantity from a small package up to a bushel, bag or more.

Plant a Garden

In Belgium and Holland where gardening has reached the greatest perfection, there is no waste places. Every foot of ground is made to produce and these people take great pride in their gardens. In a garden you have beauty and at the same time produce something which will add greatly to your health as well as save you considerable money. (This health lecture free). Fresh fruit and vegetables are the healthiest foods you can eat. The best road to health is by getting the right kind, and proper amounts of vitamins. You get vitamins A, B, and C from fresh vegetables, fruit and milk. This can be done by eating vegetables such as spinach, lettuce, carrots, beets and other green or highly colored vegetables.

By proper selection of your varieties you can have fresh vegetables from midsummer until frost. For vitamin D drink in the outdoor sunshine. This is the only source of this essential vitamin. Exercise in the open air or sunshine a part of every day. Iron, lime and phosphorus are found in most vegetables and fruits. Get these elements this way instead of through the use of patent medicines.

You cannot get vitamin D by sitting behind the transparent sands of the window pane, which does not admit the life-giving rays and this most essential element. You can spend much money in building a sun parlor and by spending a part of your time there, but you do not get the health giving effects of the open air and direct sunlight. A good garden and plenty of exercise in it keeps you fit.

On these two pages we have a condensed price list giving you the prices of any amount you may need. On larger lots than quoted write us for prices.

Market gardeners please let us quote you on your order. For full description of the best sellers look through the following pages:

Condensed Price List Kelly Seed and Hardware Co.

116-118 South Washington Street, Peoria, Illinois

Garden Seeds—Season 1929

BEANS—BUSH WAX PODDED

Crop Short; some varieties a failure.

Special Prices on Larger Lots

All packets 10c.

	1 lb.	2 lbs.	7 lbs.	15 lbs.	60 lbs.
Wardwell's Kid. Wax.....	35c	65c	\$2.25	\$4.25	\$16.00
Pencil Pod Wax.....	30c	55c	1.75	3.50	13.00
Improved Golden Wax.....	30c	55c	1.75	3.50	13.00
Black Wax.....	30c	55c	1.75	3.50	13.00
Red Kidney Wax.....	35c	65c	2.25	4.25	16.00
Currie's Rust Proof.....	30c	55c	1.75	3.50	13.00

BEANS—GREEN PODDED BUSH

1 lb. 2 lbs. 7 lbs. 15 lbs. 60 lbs.

Orders Proportioned to Stock on Hand

Stringless Green Pod.....	35c	65c	\$2.25	\$4.75	\$18.00
Giant Stringless.....	35c	65c	2.25	4.75	18.00
Bountiful.....	40c	75c	2.40	5.00	
Full Measure.....	50c	90c	3.00		
Red Valentine.....	35c	65c	2.25	4.75	18.00

BEANS—BUSH LIMA

1 lb. 2 lbs. 7 lbs. 14 lbs. 56 lbs.

Fordhook Bush Lima.....	45c	80c	\$3.00	\$6.00	
Burpee's Bush Lima.....	35c	65c	2.25	4.75	18.00
Seibert's Early Lima.....	35c	65c	2.25	4.75	18.00
Large White Lima.....	35c	65c	2.25	4.75	18.00

BEANS—POLE LIMA

1 lb. 2 lbs. 7 lbs. 14 lbs. 56 lbs.

King of the Garden.....	35c	60c	\$1.50	\$2.75	\$10.00
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BEANS—POLE

1 lb. 2 lbs. 7 lbs. 15 lbs. 60 lbs.

Ken. Won. or Old Hmstd.....	25c	45c	\$1.25	\$2.50	\$9.00
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BEETS—GARDEN

Special Prices on Large Lots

All packets 5c.

	Oz.	¼ lb.	Lb.
Crosby's Imp. Egypt.....	10c	25c	60c
Detroit Dark Red.....	10c	25c	60c
Extra-Early Dark Red Egyptian.....	10c	25c	70c
Edmund's Early Turnip.....	10c	25c	70c
Swiss Chard or Silver Greens.....	10c	25c	60c

BEETS—MANGEL WURZELS

Oz. ¼ lb. Lb.

Mammoth Long Red.....	10c	15c	35c
Gold. Tank. 5 lbs. \$1.60.....	10c	15c	35c
Sugar Beet.....	10c	15c	40c



CABBAGE

	½ oz.	Oz.	¼ lb.	Lb.
Glory of Enkhuizen.....	\$0.15	\$0.25	\$0.60	\$2.00
Early Jersey Wakefield.....	.10	.20	.40	1.50
Lge. Charleston Wakefield.....	.10	.20	.40	1.50
Sum. Early Winstadt.....	.10	.20	.40	1.50
Danish Ball-head.....	.10	.20	.50	1.75
Copenhagen Market.....	.15	.25	.70	2.50
All-Season.....	.10	.20	.40	1.50
Flat Dutch, Late.....	.10	.20	.50	1.50
St. Louis Mkt. Pkts only.....		.20		
Golden Acre.....	.15	.30	.80	3.00

CABBAGE—RED

	½ oz.	Oz.	¼ lb.	Lb.
Mammoth Rock Red.....	\$0.10	\$0.20	\$0.65	\$2.00

CHINESE CABBAGE

	½ oz.	Oz.	¼ lb.	Lb.
Pe Tsai.....	\$0.10	\$0.15	\$0.40	\$1.50

CAULIFLOWER

	Pkt.	¼ oz.	½ oz.	Oz.	¼ lb.
Early Snowball.....	\$0.20	\$0.35	\$0.65	\$1.25	\$4.00

CARROT

	Pkt.	Oz.	¼ lb.	Lb.
Imp. Danvers, Half Long.....	\$0.05	\$0.10	\$0.25	\$0.70
Improved Chantenay.....	.05	.10	.25	.75
Ox-Heart, or Guerande.....	.05	.10	.25	.70
Early Coreless.....		.15	.25	.75

CELERY

	½ oz.	Oz.	¼ lb.
Golden Self-Bl. Am. Grown.....	\$0.20	\$0.30	\$0.80
White Plume.....	.20	.30	.85

CELERIAC

	½ oz.	Oz.	¼ lb.	Lb.
Gut. Smth Prague, Select.....	\$0.15	\$0.25	\$0.70	\$2.25

CUCUMBER

Special Prices on Large Lots

	Oz.	¼ lb.	Lb.
Evergreen White Spine.....	\$0.10	\$0.30	\$1.00
Davis Perfect.....	.10	.30	1.00
Improved Long Green.....	.10	.30	1.00
Ea. Fort., 5 lbs. \$4, 10 lbs. \$8.....	.10	.30	1.00
Westerfield Chicago Pickle.....	.10	.30	1.00
Kirby's Stay Green.....	.10	.30	1.00
Simmons White Spine.....	.15	.50	1.50
Boston Pickling.....	.10	.30	1.00

CORN—SWEET

	1 lb.	2 lbs.	6 lbs.	12 lbs.	48 lbs.
Golden Bantam Select.....	15c	30c	\$1.00	\$1.50	\$6.00
Kendel's Early Giant.....	15c	30c	1.00	1.65	6.00

	1	2	6	12	48
	lbs.	lbs.	lbs.	lbs.	lbs.
Charlevoix	15c	30c	1.00	1.75	6.50
Extra Early Adams	15c	30c	.80	1.50	5.50
Mam. White Mob	15c	30c	.80	1.50	5.50
Mam. White Cob Cory	15c	30c	.80	1.55	5.50
Stowell's Evergreen, Select	15c	30c	.80	1.50	5.00
Country Gentleman	15c	30c	1.00	1.75	6.00
Early Minnesota	15c	30c	1.00	1.50	5.00
Evergreen Bantam	15c	30c	1.00	1.75	6.00
Whipples Ea. Yellow	20c	40c	1.25	2.00	7.00

EGG PLANT

	1/2 oz.	Oz.	1/4 lb.	Lb.
Black Beauty	\$0.20	\$0.30	\$1.00	\$4.00
N. York Purple Spineless .....	.20	.30	1.00	4.00

ENDIVE

	Oz.	1/4 lb.	Lb.
Bd-leaved Batavian (Escarolle)	\$0.10	\$0.30	\$1.00
Large Green Curled .....	.10	.30	1.00
Green Curled, Philadelphia .....	.10	.30	1.00
White Curled .....	.10	.30	1.00

HERBS

	1/2 oz.	Oz.	1/4 lb.	Lb.
Dill, Common	\$	\$0.10	\$0.25	\$0.75
Sage .....	.15	.25	.75	2.00

KALE

	Oz.	1/4 lb.	Lb.
Dwarf Curled, Scotch	\$0.10	\$0.30	\$1.00
Tall Green Curled, Scotch .....	.10	.25	.85

KOHL RABI

	Pkt.	Oz.	1/4 lb.	Lb.
Early White Vienna	\$0.10	\$0.15	\$0.45	\$1.75

LEEKs

	Oz.	1/4 lb.	Lb.
Broad Scotch or Lrg. Am. Flag	\$0.15	\$0.45	\$1.50

LETTUCE

	Pkt.	Oz.	1/4 lb.	Lb.
Selected Big Boston	\$0.05	\$0.10	\$0.35	\$1.25
Improved Hanson .....	.05	.10	.35	1.25
Selected Grand Rapids .....	.05	.10	.35	1.25
Black-Seeded Simpson .....	.10	.15	.40	1.50
Early Curly Simpson .....	.05	.10	.35	1.25
Iceberg .....	.10	.15	.45	1.60
Prize Head .....	.10	.15	.35	1.25

MUSKMELO

Special Prices on Large Lots

	Oz.	1/4 lb.	Lb.
Ex. Ea. Knight (Sugar Sweet)	\$0.10	\$0.25	\$0.85
Tip Top Honey Dew .....	.10	.35	1.00
Hoodoo (Hrts. of Gold) 5 lbs. \$4. ..	.10	.30	.85
Ex. Early Osage, 5 lbs. \$4.50 ..	.15	.35	1.00
Osage or Miller's Crm. 5 lbs. \$4.50 ..	.10	.30	.85
Rocky F. (Netted Gem) 5 lbs. \$4 ..	.10	.30	.85
Rice's Orange Flesh .....	.15	.40	1.35

WATER MELON

Special Prices on Large Lots

	Oz.	1/4 lb.	Lb.
Irish Grey (New) 5 lbs. \$3.00 .....	.10c	.25c	.75c
Tom Watson, 10 lbs. \$4.00 .....	.10c	.25c	.75c
Kleckley's Sweet, 5 lbs. \$3.25 .....	.10c	.25c	.80c
Fordhook Early .....	.10c	.30c	1.00
Georgia Rattlesnake .....	.10c	.25c	.75c
Halbert's Honey, 5 lbs. \$3.50 .....	.10c	.25c	.80c
Harris' Earliest, 5 lbs. \$3.00 .....	.10c	.25c	.80c
Ice Cream .....	.10c	.25c	.75c

MUSTARD

	Pkt.	Oz.	1/4 lb.	Lb.
Southern Giant Curled .....	.05c	.10c	.20c	.60c
White English or London .....	.05c	.10c	.15c	.45c

OKRA

	Pkt.	Oz.	1/4 lb.	Lb.
Perkin's Mammoth, 5 lbs. \$1.75 ..	.05c	.10c	.15c	.40c

ONION

	1/2 oz.	Oz.	1/4 lb.	Lb.
Southport Yel. Globe	\$0.10	\$0.20	\$0.50	\$1.75
Southport White Globe .....	.15	.25	.60	2.25
Southport Red Globe .....	.10	.20	.50	1.75
Mam. Yellow Prize-Taker .....	.10	.20	.50	1.75
White Portugal .....	.10	.20	.50	1.75
Red Wethersfield .....	.10	.20	.50	1.75

PARSLEY

	Pkt.	Oz.	1/4 lb.	Lb.
Fine Triple Curled	\$0.10	\$0.15	\$0.35	\$1.00
Champion Moss Curled .....	.05	.10	.25	.90

PARSNIPS

	Pkt.	Oz.	1/4 lb.	Lb.
Guernsey or Hol. Crown	\$0.05	\$0.10	\$0.20	\$0.50

PEAS

Special Prices on Large Lots

	1	2	7	14	56
	lb.	lbs.	lbs.	lbs.	lbs.
First and Best	25c	45c	\$1.30	\$2.25	\$ 8.00
Early Alaska	25c	45c	1.30	2.25	8.50
Little Marvel	25c	45c	1.40	2.50	8.50
Nott's Ex. or Am. W'ndr.	25c	45c	1.40	2.50	8.00
Laxtonian	25c	50c	1.55	3.00	10.50
Premium Gem	25c	45c	1.30	2.25	8.75
Telephone Dwarf	25c	45c	1.25	2.75	8.00
Blue Bantam	25c	50c	1.65	3.00	10.00
McLean's Little Gem	25c	45c	1.25	2.40	9.00

PEPPER

	1/2 oz.	Oz.	1/4 lb.
Large Bell, or Bull Nose	\$0.15	\$0.35	\$0.80
Long Red Cayenne .....	.20	.30	.80
King Royal .....	.15	.25	.75
Small Cayenne (Red Chili) .....	.20	.30	.90
Pimento .....	.20	.30	1.00
World Beater .....	.15	.25	.75

PUMPKIN

	Oz.	1/4 lb.	Lb.
Large Sweet Cheese, 5 lbs. \$1.75 ..	\$0.10	\$0.15	\$0.50
Mam. Potiron or King of Mam's ..	.10	.25	.80
Small Sweet or Sugar, 5 lbs. \$3. ..	.10	.20	.75
Large Sweet of Ken F. 5 lbs. \$1.75 ..	.10	.15	.40

RADISH

Special Prices on Large Lots

	Oz.	1/4 lb.	Lb.
Scarlet Globe, 5 lbs. \$2.50	\$0.10	\$0.20	\$0.55
French Breakfast .....	.10	.20	.55
Scarlet Turnip White Tip .....	.10	.20	.50
Early Long Scarlet Short Top .....	.10	.20	.50
Long White Icicle, 5 lbs. \$3.00 ..	.10	.20	.65
White Strassburg, 5 lbs. \$3.00 ..	.10	.20	.65
Chinese Rose .....	.10	.25	.65
Crimson Globe .....	.10	.25	.65
Long Black Spanish .....	.10	.25	.60

SALSIIFY

	Pkt.	Oz.	1/4 lb.	Lb.
Mammoth Sandwich Island	10c	15c	\$0.50	\$1.50

SPINACH

Ask for Prices on Large Lots

	Oz.	1/4 lb.	Lb.
Imp. Thk. Leaf Viroflay, 10 lbs. \$2. ..	.05c	.10c	.25c
Bloomsdale Savoy, 10 lbs. \$2.00 ..	.05c	.10c	.25c
King of Denmark .....	.05c	.10c	.25c
New Zealand .....	.05c	.15c	.50c
Princess Juliana .....	.05c	.10c	.30c

SQUASHES

	Oz.	1/4 lb.	Lb.
Mam. Yellow Scal. (Gld. Custard) ..	.10c	.20c	.65c
Golden Summer Crookneck .....	.10c	.20c	.75c
Hubbard, 5 lbs. \$3.25 .....	.10c	.25c	.75c
Vegetable Marrow .....	.10c	.25c	.75c
Delicious .....	.10c	.25c	.80c
Gourds, Dipper .....	.10c	.20c	.75c

RUTABAGAS

	Oz.	1/4 lb.	Lb.
Improved American Purple-Top .....	.45c	.15c	.50c

TURNIP

	Oz.	1/4 lb.	Lb.
Ex. Ea. White Milan, 5 lbs. \$2.50 ..	.10c	.20c	.65c
Ex. Ea. Pur.-Top Milan, 5 lbs. \$2.50 ..	.10c	.20c	.65c
Purple-Top Strap Leaf, 5 lbs. \$1.60 ..	.10c	.15c	.40c
Purple-Top Wh. Globe, 5 lbs. \$1.60 ..	.10c	.15c	.40c

TOMATOES

	Oz.	1/4 lb.	Lb.
Stone	\$0.20	\$0.60	\$2.50
Stokes Bonny Best .....	.20	.70	2.75
Earliana .....	.25	.80	3.00
Ponderosa .....	.50	1.60	6.00
Livingston's Globe .....	.40	1.25	4.50
John Baer .....	.30	.90	3.00
Buckbee's Beefsteak .....	.40	1.50	5.00
Grand Pacific .....	.40	1.40	5.00
Marglobe .....	.40	1.25	4.50

Beans



Yellow Podded Wax Beans

All garden seed prices on pages 14 and 15.

PENCIL POD BLACK WAX. Medium early, very hardy bean, smooth, perfectly round, straight and very productive. Pods long, 5 to 6 inches.

IMPROVED GOLDEN WAX. Rust-proof. The best yellow podded beans. One nearly everybody grows. Very productive, straight, thin pods, bushes stand erect. One of the earliest sorts. This variety cooks quickly as snaps, and shells well when green.

WARDWELL'S KIDNEY WAX. An early bean, a heavy yielder, rust resisting, looks good and one of the most profitable varieties with market gardeners.

CURRIES RUST PROOF. This bean is practically rust-proof. Vine vigorous, heavy yielder and productive. Pods light yellow, similar in shape to Golden Wax, 5½ to 6 inches long. Splendid for market gardeners and home use.



Black Wax Beans



Stringless Green Pod

Bush Green Pod Beans

BURPEE'S STRINGLESS GREEN POD. We buy thousands of pounds of this variety and find it to be the best seller we have. Do not fail to order these beans. Medium maturing, very fleshy, remains crisp and tender longer than any other. Vine very vigorous and productive. Good for both home garden and market use.

RED VALENTINE. Well known early sort, pods 4½ inches long, medium green color, fleshy, crisp and tender. Seed long purplish pink, spotted with buff.

FULL MEASURE. A very desirable round podded bean, pods 6 to 7 inches long which are solid, meaty, brittle and stringless. This bean matures a little later than the Stringless Green Pod and splendid for all around use.

BLACK WAX. Exceptionally productive, hardy and very good for home gardens. Black seeds, round pods, yellow and fleshy.

BUSH LIMAS

SEIBERT'S EARLY LIMAS. One of the early varieties. Commences bearing early and produces entire season, very good for shelling.



Kentucky Wonder Beans

BURPEE'S BUSH LIMAS. A very thick bean. Pods in clusters of 5 to 7 which contains 4 to 6 large beans. Order plenty of this variety for winter use. After ripe, very good for shelling for winter use. High in protein, one of the best foods.

FORD HOOK BUSH LIMAS. A very vigorous and erect variety, bearing its pods well above ground in large clusters.



Burpee's Bush Lima

POLE LIMAS

KING OF THE GARDEN. The best pole variety. Vigorous grower, large white beans. For food value it has no equal. Vine grows stiff and yields well.

KENTUCKY WONDER OR OLD HOMESTEAD. A farm or corn field bean, the best of its kind. Very prolific, producing an abundance of fine stringless, crisp pods late in the season.

Chestnut, Illinois.

Dear Sirs: Replying to yours of November 26th, wish to say I bought clover seed from you last year which I found very satisfactory. It proved to be seed of the very best quality and I had a fine stand and a good crop of clover.

Hoping these few words may be of service to you I am very respectfully, PHILANDER SIMCOB.

Garden Beets

Plant plenty of beets. No vegetable will give you more pep than beets. In fact, any vegetable which is highly colored is filled with vitamins.

CROSBY'S IMPROVED EGYPTIAN. An improved sort which is very popular with market gardeners on account of its quick growth and extreme productiveness. One of the very best. Sweet and tender. Excellent quality for both market and home use.

DETROIT DARK RED. Our best early beet, medium variety, globe shape, very smooth, dark blood red color, splendid for pickling.

EXTRA EARLY DARK RED EGYPTIAN. An old well known variety which has long been the favorite with market gardeners. Has small top, produces a flat medium size beet.

EDMUND'S EARLY BLOOD TURNIP. Dark red nearly round variety. Crisp and tender, also an excellent keeper.

MANGEL WURZEL OR STOCK BEET

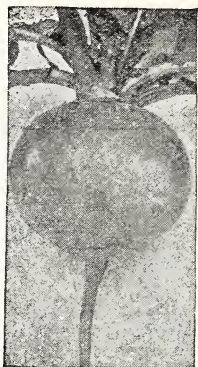
The best to grow for chickens, also good for hogs and cattle.



Mammoth Long Red

GOLDEN TANKARD. Deep yellow in color, rather flat, oval shape, grows mostly above ground.

MAMMOTH LONG RED. The best for general use. Very large, sometimes weighs as much as 18 lbs. Grows best in rich soil. Flesh white tinged with red.



Detroit Dark Red Beet

Cabbage

EARLY CABBAGE

EARLY JERSEY WAKEFIELD. This is one of the earliest and surest heading of the first cabbages. Market gardeners depend on it for their extra early crop. Exceedingly hardy, resisting cold and unfavorable conditions. Stems short. Heads pyramid having a point or crowned peak. Plant this for earliest cabbage.

COPENHAGEN MARKET. Introduced from Denmark where the best cabbages grow. An early round head cabbage, heads exceptionally large. Has a very short stem, and few outer leaves. Not as early as the Jersey Wakefield but a much larger head. Plant Copenhagen for your summer use.



Early Jersey Wakefield Cabbage

LATE CABBAGE

HOLLANDER OR DANISH BALLHEAD. The greatest market cabbage grown, especially in the cabbage section of Wisconsin, Michigan and New York. Not overly large, but very solid and the best keeping of all varieties.

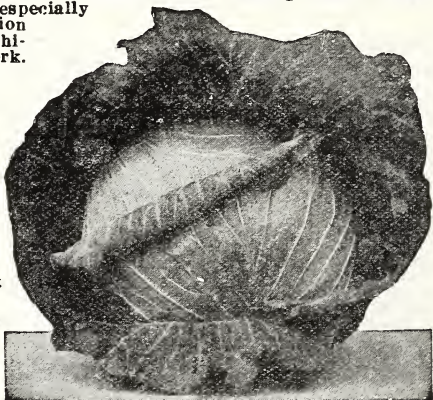
LATE FLAT DUTCH. This is your kraut cabbage. Large, tender and sure to head. Heads very solid.



Hollander or Danish Ballhead

MAMMOTH ROCK RED. Heads large as Flat Dutch. Deep Red in center.

CHINESE OR CELERY CABBAGE. Grows very much like head lettuce. Used for salads and slaw Fall variety only.



Selected Late Flat Dutch



Mammoth Red Rock Member Bagot-Free & Pence, Attorneys at law.

Anderson, Indiana.

Gentlemen: I would be pleased to have quotations on 15 bu. Alsike and Timothy, mixed half and half, also about six bu. of Alfalfa and two bu. of little red clover.

I have been purchasing seed from you for a number of years and take this opportunity of thanking you for the splendid quality of seed and the prompt and strictly honorable manner in which you do business. Every article and transaction has been exactly as you represent it. Awaiting your advice, I am,

Very truly yours,

CHAS. K. BAGOT.

Carrots

The healthiest vegetable that grows. Contains more iron. Your blood needs iron. Grow it in carrots. It is cheaper than from the drug stores.

CHANTENAY. A very early carrot. Deep orange red. Smooth and fine grained. A popular sort to raise for city market. Grows about 6 inches long and very thick meated.

OXHEART. A short thick growing variety especially adapted to stiff, hard soils, roots from 5 to 6 inches long, flesh bright orange, medium early variety.

DANVERS HALF LONG. A large, late variety for late fall and winter use. Grows 6 to 8 inches long. Deep orange color. Well adapted to nearly all soils. Plant this for your main crop carrot.



Oxheart Carrots

Celery

We list only two of the best varieties.

GOLDEN SELF-BLANCHING. The most popular celery. 60% of all celery grown being of this variety. An early variety good for home use, easier grown and a good shipper. Has a stem nature that the inner ones turn a beautiful golden yellow and blanching is easily accomplished. Very crisp, free from strings and fine flavor.

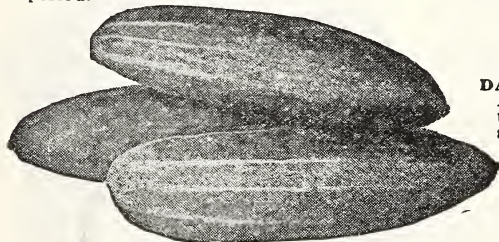
WHITE PLUME. An extra early variety. Good for gardeners early crop. Blanches a pure white.



Golden Self-Blanching Celery

Cucumbers

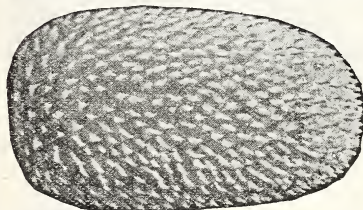
EVERGREEN WHITE SPINE. One of the best varieties for table use. Vine vigorous, producing abundantly over a long period.



Evergreen White Spine

pickling in the country. Medium length, slightly pointed at ends. Dark green, large spines.

KIRBY'S STAY GREEN. A large growing cucumber, fine for slicing or pickling. Heavy yielder and stays green for a long time. One of our best. Be sure you order Kirby's Stay Green.

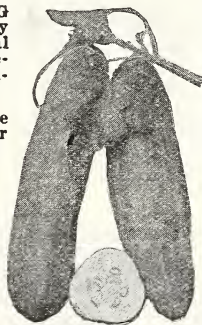


Japanese Hullless

DAVIS PERFECT. Ideal shaped, large variety. Almost seedless and what few seeds, very tender and hardly noticeable. Dark green, slightly tinged with white at each end.

IMPROVED LONG GREEN. An old variety that is used a great deal as an all purpose variety. Very good for pickling.

CHICAGO PICKLE. One of the most popular



Imp. Long Green

Pop Corn

AUSTRALIAN HULL - LESS OR JAPANESE. This is a very heavy yielder of attractive ears peculiar in form, being nearly as thick as it is long. The crowning merit lies in its popping qualities. It is a quick popper, fine flavor, absent of hull or shell, being soft and tender and of delicious flavor. Try a package of this for home use. Price 15 per lb. We also have white Rice at same price.

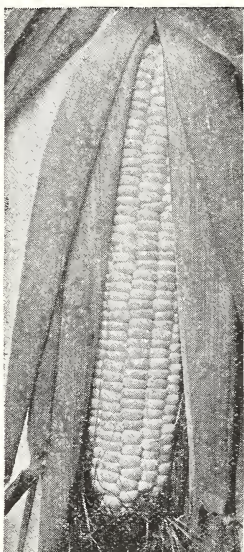
Gentlemen: We have been dealing with the Kelly Seed Co., for several years. Have found them to be a reliable firm and their seeds have always given satisfactory results. Please send your price list.

Yours,

REEDY BROS.

Lovington, Illinois,

Sweet Corn



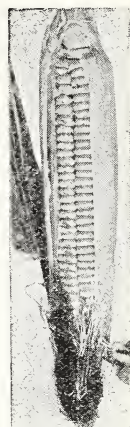
GOLDEN BANTAM. For early roasting ears, plant Golden Bantam, the earliest variety. Very sweet and delicious flavor. Golden yellow color. Rather small ear.

CHARLEVOIX. An early variety of white corn coming in soon after the Golden Bantam. A good market gardener's corn as it stays green for some time.

HOWLING MOB. A medium early white corn. Ears 7 to 9 inches long. Stalks strong and vigorous.

STOWELL'S EVERGREEN. Our best variety. One of the standard main crop corns. Has long been popular with gardeners, canneries and home gardens.

COUNTRY GENTLEMAN. One of the best for home gardens on account of its sweetness, tenderness and delicious flavor. Grain rather small in size, sets close on cob and very sweet.



Golden Bantam

Egg Plant

BLACK BEAUTY. An early variety which when ripe is almost black. 10 days earlier than the Improved Purple. Very desirable for market as it holds its color a long time.

NEW YORK PURPLE SPINELESS. A large variety. The plant is strong and usually produces 4 to 6 large fruits of splendid dark purple color.

Endive

Stowell's Evergreen

BROAD LEAVED BATAVIAN. A variety having a broad leaf more or less tapered. Is much longer in growth than any other variety and has a flavor all its own.

LARGE GREEN CURLED. One of the hardiest and best varieties for general use. It has tapered green leaves beautifully cut and curled and is easily blanched. Very crisp and fine flavor.

Lettuce

Another healthful vegetable. We should eat more of it.

BLACK SEEDED SIMPSON. The best early variety we have. Makes a large bunch of tender leaves. Grows quickly and has a delicate flavor. Best for gardeners and home use.

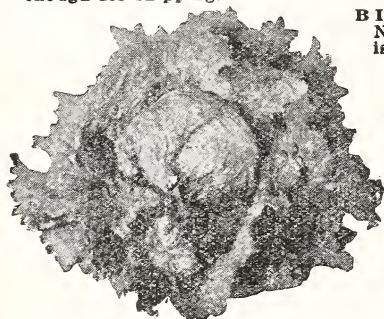


EARLY CURLED SIMPSON. A crisp and tender variety of the loose leaf type. Very good for sowing early when ground is wet and cold. Sow thickly and cut when young.

GRAND RAPIDS. Originally a forcing lettuce. Of recent years have found it to be a good outdoor variety. Leaves loose-leaved and curled.

IMPROVED HANSON. A head lettuce. Has been leader of all head lettuce for over 40 years. Has large head, solid, tender and well blanched.

PRIZE HEAD. A good home use sort but not hardy enough for shipping.



Prize Head



Black Seeded Simpson

BIG BOSTON
No doubt this is the best smooth leaved head lettuce making a flat smooth head something like the Flat Dutch Cabbage but not so large.

Delavan, Illinois.

Dear Sirs: For a number of years past practically all the farm seed used by me has been purchased from the Kelly Seed Co. Their seed has never failed to give satisfaction. We are now husking 8 bu. of corn to the 80 rod row from field which we planted with seed purchased from Kelly Seed Co. the past spring.

L. E. BROWN.



Muskmelons

A few years ago the muskmelon or cantaloupe was considered a luxury but today, during the season, they are eaten by the millions as part of a meal.

EXTRA EARLY KNIGHT. An extremely early melon, medium variety, fruit oblong, skin deep green changing to golden yellow at maturity, well covered with a gray netting, well ribbed. Flesh fair-



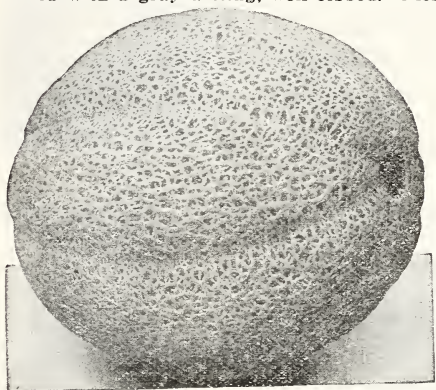
Hearts of Gold

ly thin and very sweet. One of the best pink meated varieties. Order this for garden or home use.

HEARTS OF GOLD OR HOODOO. Our best seller. Vines quite vigorous. Very productive and blight resisting. We sell a great deal of this variety to market gardeners. Has a thin rind but so very firm that it is an unsurpassed shipper. Gets its name from the golden yellow flesh which is very deep, larger than the Rocky Ford. Has a dense fine netting. Flesh fine grained. Will please the most exacting customers and delight your most particular friends. Be sure to order plenty of Hearts of Gold.

TIP TOP. A handsome variety, firm yellow flesh, sweet, fine flavor, thin rind, very attractive. Large size melon, slightly oblong, evenly ribbed, very productive.

EXTRA EARLY OSAGE. This excellent variety is fully a week earlier than the regular Osage. The fruit is a little smaller, more nearly round with a heavy netting extending over most of the surface. Very thick salmon flesh and small seed

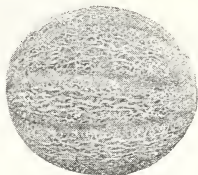


Extra Early Osage

cavity, characteristics of the Osage, making this melon deserving of a place in home and market gardens.

ROCKY FORD. Has had a wonderful sale in the past and still a good seller. A green fleshed melon with thin gray netting.

ADMIRAL TOGA. A new small melon, very thick, yellow flesh. In this melon you have combined the good qualities of the Defender and the Rocky Ford. We consider this one of the best shipping melons.

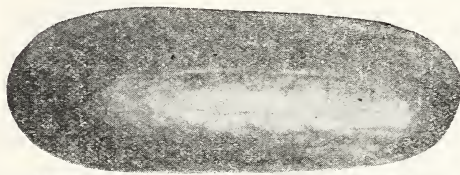


Rocky Ford

Watermelons

One ounce will plant 20 to 30 hills, 4 to 5 lbs. per acre.

HALBERT HONEY. As our best flavored melon we will put this first. Much like Kleckley's Sweet. Long, dark melon, 18 to 20 inches long. Has a thin rind, deep red meat, pulp free from stringiness.

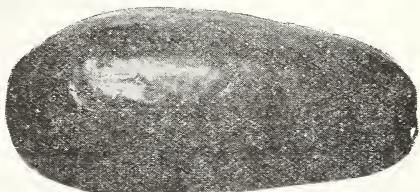


Halbert Honey

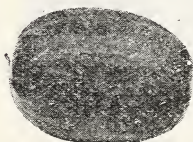
TOM WATSON. Our greatest of all shippers, an extra long large melon. This is the leading melon known to southern shippers, and one you see so often in the stores and markets. Average melon weighs 30 to 40 lbs. Has a very tough rind but not thick.

MONTE CRISTO OR KLECKLEY'S SWEET. Very fine melon for home use. Bright red meat, seeds white. Very long, dark green with thin rind.

SWEETHEART. A large, round melon, light green color, slightly veined, with darker shade. Flesh bright red, firm. Very sweet and the fruit remains in condition for sometime after ripening.



Tom Watson

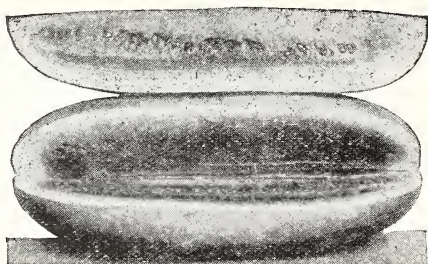


Sweetheart

Dear Sirs: I am writing you these few lines to let you know I had splendid success with the clover and timothy seed I bought from your firm last spring. It was up to specifications in every way. I will want more this coming season.

Respectfully yours,
T. E. McCARTY.

Princeville, Illinois.

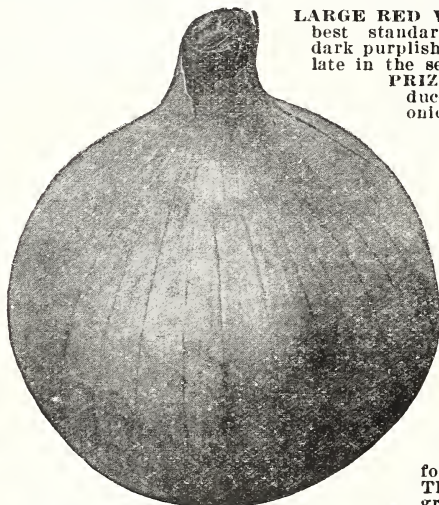


Irish Gray

most nutritious and healthful vegetables having excellent medicinal qualities. Eat an onion sandwich before going to bed. A good remedy for colds and tired nerves. Always a ready sale for onions. Average about 600 bushels per acre, a profitable crop.

SOUTHPORT RED GLOBE. Our biggest seller and one of the best grown for market or table use. Ripens about 10 days later than the yellow variety. Very uniform in shape.

SOUTHPORT WHITE GLOBE. Most beautiful onion grown and what we think the best. Very mild flavored onion. Practically round shape, silver white, firm flesh, fine grained and long keeper.



Prize Taker

LARGE RED WETHERSFIELD. One of the best standard varieties. Large size, flat, dark purplish red. Good for sets when sown late in the season.

PRIZE TAKER. This variety produces a very large and handsome onion. Bright yellow color, mild flavor, grows very large often weighing 2 lbs. To grow this size, plant in February or March in shallow boxes and transplant. Not a long keeper but good for fall and early winter use.

BERMUDA ONION PLANTS

Grow your own Bermuda onions. 11c to 20c per hundred, according to quantity. You can grow these big sweet onions in your own garden at a very small cost. They are not an experiment. We have grown them for 3 years. Had some 4 inches in diameter this year. Put these plants out early, same as other onion plants.

They may not look good when you get them but forget about the looks until time to eat the onion. They are much easier to raise than from seed and grow much quicker. Our plants are field grown and will stand light frosts. Order early. Price, 200 for 40c; 500 for 75c; 1000 for \$1.00 or crate of 6000 for \$5.00. Postage or express prepaid.

Frost Proof Cabbage Plants

The seed for these is planted in the fall of the year and makes a quick growth before winter sets in, then the cold weather holds them dormant. When spring comes they are tough and hardy and will stand our early frosts and unfavorable weather. They may show yellow and weather stained when you receive them but a few sunshiny days will bring them out and you will soon have cabbages ready to eat. No order filled for less than 50. If you cannot use this many share with your neighbor.

We have three varieties of cabbages. For real early, order Early Jersey Wakefield. For later order Copenhagen Market. For kraut cabbage or winter use, order Flat Dutch. Price 25c for 100; 75c for 200; \$1.25 for 500, or \$2.00 per thousand, postage paid.

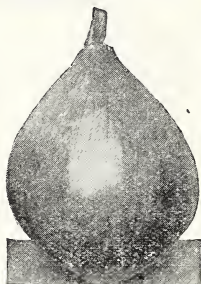
Onion Sets

Onion sets are very scarce and high this season. Red, Yellow or Brown sets, 32 lbs. to bushel, same as 32 quarts, 10c per quart; 10 quarts or more, 9c per quart. White sets, 12½c per quart. Not postpaid. Send postage or include with other order.

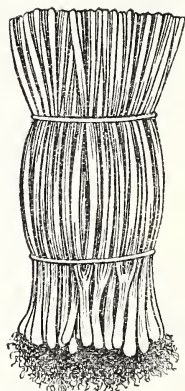
IRISH GREY. Last but not least. One of the best sellers and one of the best melons. A comparative new melon and one which you want to order. It will please you and this is what we like to do. Yellowish gray color with thin tough rind. Good shipper and a melon of fine texture, beautiful red meat and of delicious flavor. Shaped much like the Tom Watson. This melon takes a longer growing season than others so we would advise you to get it in early.

Onions

Prices are much lower than last year. One ounce sows a row 100 feet long. One of the



Red Globe



Bermuda Onion Plants



Onion Sets

Garden Peas

2 lbs. sows 100 feet. $1\frac{1}{2}$ bushels per acre.

Peas are one of our specialties. Why buy canned peas from the stores, when you can grow and can them yourself at half the cost. Peas are high in protein, one of the essential food elements. Plant more this year.

FIRST AND BEST. As the name implies it is an early variety and one of the best. Good for gardens and shippers as it ripens practically all at once making only one or two pickings. Very productive for an early variety.



Nott's Excelsior

ALASKA. Another extra early variety and one sure to make a crop. Grows about 18 inches high. Very hardy variety. Can be planted soon as ground is fit to work.

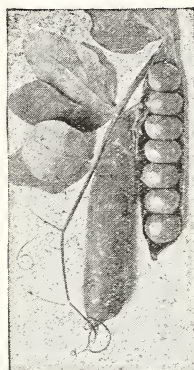
LITTLE MARVEL. A practically new pea and a marvelous producer. Grows 12 to 15 inches high. Very tender and sweet. Just the pea for new potatoes. A wrinkled pea, for home use or gardeners. Does not ripen all at once, lasting for some time.

NOTT'S EXCELSIOR OR AMERICAN WONDER. Another early dwarf wrinkled variety. Grows 10 to 12 inches high, pods 3 inches long containing 5 to 8 large peas.

LAXTONIAN. One of the largest podded of the dwarf wrinkled peas. Grows 15 to 18 inches high. Vigorous and productive. One of the best to plant for a main crop. Good for home or market gardeners.

BLUE BANTAM. A wrinkled variety similar to Laxtonian but a heavier producer.

McLEAN'S LITTLE GEM. Vines very productive. 15 to 18 inches high. pods medium with 6 to 8 peas of fine quality. Seed green, large, wrinkled, one of the best maturing early varieties.



First and Best

Peppers

LARGE BELL or BULL NOSE. A large early sort of mild flavor. Plants vigorous. Grows about 2 feet high. Very productive. Ripens its crop early and uniformly.

RUBY KING. A very large pepper. Plants very bushy, thickly set with fruit. Very attractive. Deep green color when young. Bright red when ripe. Flesh thick and mild flavored. One of the best for table use.

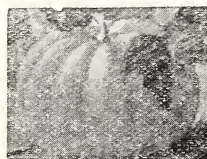
Pumpkins

LARGE CHEESE. This is a flat green colored pumpkin mottled with light green. Very tender and free from stringiness. Grows to medium size. Good for table and good feed for stock.



White Tipped

SMALL SUGAR OR PIE PUMPKIN. Very early and productive. Cooks quickly, and good quality. Rich orange color. Flesh very thick, fine grained and sweet.



Pie Pumpkin

Radishes

SCARLET GLOBE. Rich, bright scarlet color, flesh white and tender, especially good for early gardeners as this is a very early variety.

SCARLET TURNIP WHITE TIPPED. Our best early radish for market gardeners. Small tops and may be planted closely. Almost round in size. Order this variety for your early garden.

FRENCH BREAKFAST. A quick growing small olive shaped radish about $1\frac{1}{2}$ inches long by $\frac{3}{4}$ inches thick. Excellent for outdoor garden planting.

WHITE ICICLE. A very attractive pure white summer radish of excellent quality. Our best radish for summer use, both for gardeners or home gardens. Grows 5 to 6 inches long and 5-8 to 3-4 inches thick. Be sure you order this radish.



French Breakfast



White Icicle

Spinach

Another good medicinal plant. Something every one should grow and eat at least once a week. **IMPROVED THICK LEAF.** A variety which grows rapidly, forming a cluster of very large slightly crumpled leaves of deep green color and good quality. Our best medium early sort for market and home garden.

BLOOMSDALE SAVOY. One of the best for early spring or fall use. Upright plant with thick, dark green leaves medium size. Not good quality for summer use as it seeds quickly in warm weather.

Squash



HUBBARD. One of the best winter squashes, vine vigorous and productive. Large size, heavy and moderately warted with very hard shell. Flesh of bright orange yellow, fine grained, thick, dry and richly flavored. Will keep all winter.

HUBBARD. One of the best winter squashes, vine vigorous and productive. Large size, heavy and moderately warted with very hard shell. Flesh of bright orange yellow, fine grained, thick, dry and richly flavored. Will keep all winter.

EARLY SUMMER CROOKED NECK. A well known standard variety, very early and productive. Color bright yellow. Shell very hard when ripe. Delicious. Medium size, fall and winter squash. Bright yellow flesh, fine grained, and is considered by many to be the most desirable for home and market.

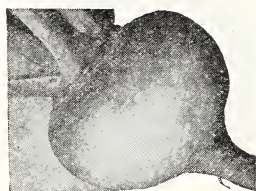


Early Summer
Crooked Neck

PURPLE TOP STRAP LEAF. A very early variety, mostly for table use. Medium size. Flat, dark red above ground, white below. Flesh white. Fine grained and tender.

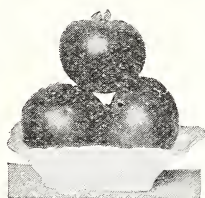
PURPLE TOP WHITE GLOBE. Globular shape, large size, purplish or dark red above ground. White below. Our best seller. We sell hundreds of pounds of this variety during the year. Buy this variety to sow for fall and winter use. Good for table, or use as feed for stock.

Turnips



Purple Top White Globe

Tomatoes



Earliana

main crop tomato. Rich deep crimson color, very solid, smooth, and uniform in size. Vine large and productive. Very desirable tomato for canning.

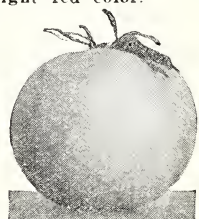
EARLIANA. A good early variety, a large, smooth tomato, very profitable for market gardeners and good for home use. Vines small but vigorous and productive. Medium to large, nearly round, bright red color.

JOHN BAER. Our best seller to gardeners and good for home use. Extra early scarlet variety of superior merit. Vines very hardy and productive, fruit the largest of the early varieties. Smooth, very firm and of excellent quality. Ripens early and continues to ripen fruit longer than any other variety.

IMPROVED TROPHY. A very large mid-season or Rich deep crimson color, very solid, smooth, and uniform in size. Vine large and productive. Very desirable tomato for canning.

BUCKBEE'S BEEFSTEAK. One of the largest variety. Smooth, solid meaty, very few seeds. Slices up like so much beefsteak. Very much like a Ponderosa but much better tomato.

GRAND PACIFIC. A wonderful tomato of tree type. A few years ago we had some of this variety of tomato which grew to be 11 feet high. A large, smooth, dark red tomato very productive. One vine will produce as many as 25 large tomatoes.



John Baer



Grand Pacific

HOLLOW CROWN or GUERNSEY. The best variety for table use. Roots, long, smooth, white skin, uniform size in shape, tender and of good quality. Leaves growing from crown of plant.

Parsnips

Miscellaneous

See our price list for the following: Cauliflower, celeriac, herbs, kale, kohlrabi, leek, mustard, okra, parsley, salsify, rutabaga and other kinds of different varieties of vegetables which we do not have space to describe.

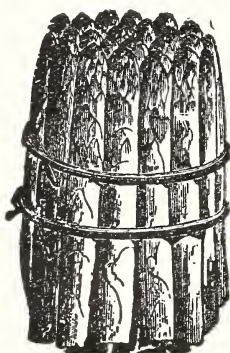


Hollow Crown

Asparagus Roots

One of the gardeners best money making crops, and one which every person should grow. One of the earliest vegetables, very healthful. A good tonic when you need it. Easy to grow. 100 plants will make enough for the average family.

MARY WASHINGTON STRAIN. Rust resistant. The largest and tenderest green asparagus. This is a decided improvement over the Pedigreed Washington and the Martha Washington, being earlier, larger and longer. The credit for the development of this wonderful, rust resisting strain is almost entirely due to the untiring efforts of Prof. J. B. Norton, member of the plant breeding staff of the United States Department of Agriculture. Our stock is grown at Peoria by an expert gardener. Postage paid, 50 for \$1.25; 100 for \$2.00; 1000 not prepaid, \$14.00. Buy a few hundred of this wonderful new asparagus.



ACME INSECTICIDES FUNGICIDES

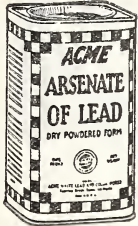


ACME PARIS GREEN

A rich, emerald color and of fine fluffy physical character. Containing 53% arsenious oxide, it will give quickest control where extreme measures are necessary.

For use on: Potatoes, cotton, tobacco, also to mix with arsenate of lead for fruit tree spraying where quick results are necessary.

Prices: ¼ lb. 15c; 1 lb. 40c; 4 lbs. \$1.50.



Acme Arsenate of Lead

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray.

Prices: ½ lb. 15c; 1 lb. 25c; 4 lbs. 70c; 100 lbs. \$16.00.



ACME GARDEN GUARD

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on: Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds.

Prices: 1 lb. sifter carton, 25c; 5 lbs. 50c; 100 lbs. \$9.50.

LIQUID LIME SULPHUR, 50 gallon bbl. 22c per gal., \$3.00 for barrel.
LIQUID LIME SULPHUR, 30 gallon bbl. 25c per gallon.
LIQUID LIME, 10 gallon can, 65c per gallon.

KAYSO—A Casein spreader for use in lime sulphur, Bordo and Arsenate of Lead. Breaks up this material making it possible the perfect coating of every part of leaf and tree. Saves blotches which burn tree and foliage. Also a binder which makes the poison stick. Always use Kayso with your sprays. ½ lb. package 20c; 2 lb. package, sufficient for 100 gallons of spray, 60c; 12 lb. bags, \$3.00.

ACME LIME SULFUR

A standard 33° Baume lime and sulphur converted into a dry powder but having all the effectiveness of the liquid product when dissolved in water.

For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite.

Prices: 1 lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.75; 25 lbs. \$3.25; 50 lbs. \$3.25; 100 lbs. \$10.60; 200 lbs. \$18.00.



ACME BORDEAUX MIXTURE

Prevents large losses caused by blight, rot mildew, scab, anthracnose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture.

Prices: 1 lb. 30c; 4 lbs. 75c; 100 lbs. \$15.00.



ACME TWO-WAY SPRAY

A balanced insecticide and fungicide containing 14% arsenate of lead and 83% Bordeaux Mixture. Two results with one application.

Use wet or dry on: Apple, sour cherry, currant and gooseberry, grape, pear, plum, strawberry, pecan, bean, beet, cucumber, pepper, potato, tomato and many other fruits and vegetables.

Prices: ½ lb. 20c; 1 lb. 35c; 4 lbs. \$1.00; 100 lbs. \$19.00.



BLACK LEAF 40. One oz. bottle, 25c; ½ lb. \$1.00; 2 lbs. \$2.50.

PYROX, for apples, potatoes and general purpose against leaf eating insects and fungus disease. Mix with cold water. Pound, 45c; 5 lbs. \$1.65.

HAMMOND'S SLUG SHOT. One of the best insecticides for vegetables in use. Non-poisonous to human life. Pound 20c; 5 lbs. 50c.

NICOTINE DUST. Five lbs. \$1.25.

WRITE FOR SPECIAL PRICES ON LARGER LOTS

We buy spray material by the carload at very low prices. Club orders and large orchardists orders our specialty.

For directions as how to use, write for spraying guide.

We sell Hayes and Hudson Sprayers. Largest stock in Illinois.

ACME SPRAYING GUIDE

Consistencies of Acme White Lead and Color Works. WHEN AND WHAT TO SPRAY. Consistencies of Acme White Lead and Color Works.

Write for this Fine Guide Free

NAME _____ ADDRESS _____ CITY _____ STATE _____

RAT NIP

KILLS RATS EVERY TIME. Take slices of bread about half inch thick, squeeze Rat Nip on to them so that it can be spread evenly over the entire surface, using about the same quantity you would butter in buttering bread. Use an old knife in spreading.

Sprinkle sugar over the surface, then cover with flour, cut bread into squares and place about premises infested with rats.

Use a liberal amount, say about 50 pieces. If used around a dwelling, place a low pan of water near the bait. Next morning you will find rats near the water. Follow directions and you will soon rid your place of rats at a small expense. Price per tube, 30c, postpaid.

SCALECIDE

We are distributors for Scalecide in this section, getting it by the car load. Once used always used as a complete dormant spray. The delayed dormant spray with Scalecide controls scale of all kinds, aphids, pear thrips, leaf miner, case bearer, leaf roller, bud moth and canker.

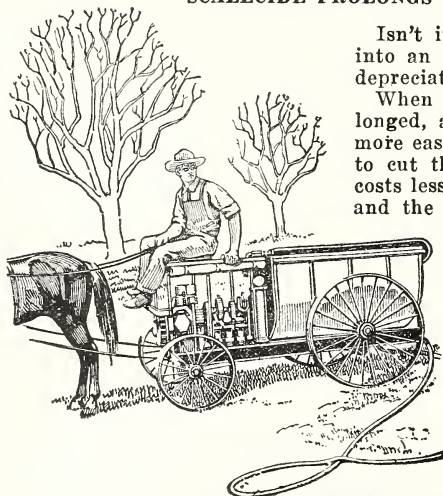
In addition to this the use of Scalecide year after year greatly invigorates the tree.

Scalecide is pleasant to use. Does not injure even the eyes. No burning, is non-poisonous, saves half the cost of spraying. Does its entire work in 30 minute. Is not affected by rains like Lime-Sulphur. No clogging of sprayer.

WE GUARANTEE

that, if you will divide an orchard, your worst or best, in two parts equal in general condition, and for three years, spray one part with Scalecide according to our directions and the other part with lime-sulphur, giving the same summer treatment to both parts, the part sprayed with Scalecide will be better than the part sprayed with lime-sulphur—in the judgment of three disinterested fruit growers—or we will refund the money you have paid for the Scalecide.

SCALECIDE PROLONGS THE LIFE OF YOUR SPRAYER.



Isn't it a shame to put a grinding corrosive substance into an expensive spray rig. Wear and tear mean quick depreciation and short life.

When Scalecide is used the life of your sprayer is prolonged, as it actually works in oil. The pump operates more easily and develops higher pressure. There is nothing to cut the valve or eat the hose and fittings. Scalecide costs less to use, is easy to use, saves the operator clothing and the disagreeable part of spraying.

Price, 50 gallon barrel, \$37.00; 30 gallon barrel, \$26.00; 15 gallon drum, \$13.00; (\$1.75 credit on return of 15 gallon drum to us); 10 gallon can, \$10.00; 5 gallon can, \$6.25. Freight prepaid to your station on above quantities.

Write for circulars or catalog on spraying which will be given you free. Special prices on large lots. One gallon cans, \$1.75; 1 quart cans, 75c.

SULFOCIDE—A Better Summer Spray

A powerful summer fungicide for fruit, vegetables and flowers. Best for the control of apple scab, brown moth in peaches and other serious diseases.

Briefly these are the reasons why Sulfocide is a healthier summer spray; it does not devitalize the foliage and dwarf the fruit like lime sulphur, does not russet apples, (Bordo does). It can be used on peaches, apples, quinces, pears, grapes, all kinds of berries, beans, tomatoes and other vegetables.

One of the best summer sprays is to take one gallon of Sulfocide, two lbs of Kayso and four lbs. of arsenate of lead. Always follow these directions in mixing. Put in Kayso first, arsenate second and Sulfocide last. This makes 200 gallons of spray material at a cost of about \$1.00, which is cheaper than home made Bordo and much better.

Price: Qt. \$1.00; gal. can. \$2.70; 5 gal. can, \$8.50; 10 gal. can \$15.00. Freight prepaid on 5 gallons or more.

Clean Up Your Trees

Plan at once to clean up the scale, spores of fungi, and the eggs and larvae of insects on your trees before the leaves come out, and insure better fruit next Fall.

"SCALECIDE" Does It

More effectively than Lime Sulphur as a dormant spray. No more expensive. Easy and nice to mix and apply. Will be glad to show you. Come in before buying any other spray.

What Kayso Will Do

Kayso spreads evenly over leaves and fruit. Kayso is a spreader made from milk, which, when mixed with spraying material makes it spread evenly over tree, branches and fruit. To make it stick use Kayso.

Kayso keeps the spray from running off.

Kayso reduces the arsenical injury to fruit and foliage.

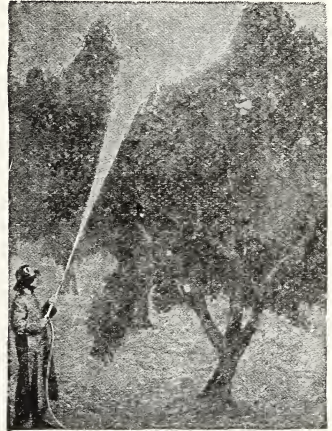
Kayso raises the market value of fruit because it prevents poison blotches and blemishes.

Kayso is a perfect emulsifier for oil sprays. Can be used in the hardest water.

Kayso simplifies spraying. Unskilled spraymen do better work in less time when Kayso is used in the spray solution. Use 1 lb. to 100 gallons of water. Price: 8 oz. 20c; 2 lb. pkg. 60c; 12 lb. bag, \$3.00.

Carbola

Carbola is a white mineral pigment, the same as used in the manufacture of paint. Carbola is not a lime or whitewash preparation but a paint. It is also a powerful disinfectant, 20 times stronger than Carbolic Acid, but it is not a poison or caustic and is harmless to man, bird or beast. So easy to use, no waste or straining. Comes as a powder ready to use as a dust or mix with water and apply with sprayer. You can mix Carbola today and use any time later. The use of Carbola in dairy barns, poultry houses, stables, hog pens and every place where stock is kept is a wonderful disinfectant to prevent diseases. Does not crack, flake or peel like lime. Adheres to brick, stone, wood, cement and even plaster board. Carbola is guaranteed to give satisfaction. Include some of this with your order for other goods. Price: 5 lbs. 65c; 10 lbs. \$1.10; 20 lbs. \$2.25; 50 lbs. \$4.50. Carbola is never sold in bulk. Duster for using Carbola, \$1.75.



SEED DISINFECTANTS

The DuPont interests bought out the Agri-chemical interests of the Bayer Manufacturing Company who put out Bayers Dust, and will put out all seed disinfectants under the name DU BAY.

While you may not always be able to see the direct benefits of which has not, it is good crop insurance for the little cost, and in some cases the difference is so marked it can be seen without weighing the two crops.

Semesan Jr.

For Treating Corn



Last year many farmers used Semesan Jr. to disinfect their seed corn, and because they find more Diplodia in the corn this year, think it did no good. This is a mistaken idea. Quite a lot, in fact most of these diseases come from leaving rotten and disease-infected ears in the fields. Every rotten ear should be taken in and burned.

By leaving these ears in the fields, these spore diseases breed as soon as hot weather comes until they are a black mass of spores. Last summer the weather was dry and warm at pollinating time. When hot these spores rise like dust and are carried by the wind for a quarter of a mile, infecting hundreds of ears

of good corn. In a wet season at blooming time, especially if cool, these spores do not fly this way, and you have very little Diplodia and disease-infected corn. Last season conditions were ideal to produce diseased corn. If you had not treated, you would have had more.

As for increased yield by treating with Semesan Jr. we helped weigh up at least ten tests where corn was treated, next row no treatment and not a single exception where there was a decrease and in nine out of these ten lots the increase was from two to five bushels or \$1.50 to \$3.75 per acre increase at a cost of about five cents per acre. Did it pay?

Semesan Jr.

Some farmers think because they cannot see the corn six inches taller, or make a bushel or more to the row that there is nothing to it. It is the little extras that do not cost much that makes the difference in the cost of a bushel of grain, or a profit on it. Treating seed corn with Semesan Jr. improves germination. If you happen to have a cold, wet spell at planting time or soon after, you will readily see the advantages.

The New Product DU BAY SEMESAN JR.

Does not differ materially from last years product and contains the No. 35-C dust which has given such good results.

Treating corn, wheat or oats is crop insurance, and very cheap insurance. In fact so cheap that a man is foolish to plant without using them. Only a little extra labor and cost pays big dividends in increased yields and better quality.

Semesan Jr. contains 12% Mercury compound, whereas the Bayers dust contains but 4%. You can treat eight bushels of seed corn much more effectively with a pound of Semesan Jr. than five bushels with a pound of Bayers dust. Cost \$1.75 per lb., treats eight bushels of seed corn. Especially good for treating Sweet Corn.



Improved Semesan Jr. Generally Increases Yields
Seed treatment with Improved SEMESAN JR.
produced the largest crop on the right.

Helps Control Root Rot

SEMESAN Jr. helps control root rots and diseases which reduce both quantity and quality of corn. This treatment cannot eradicate these diseases when your soils are full of it, but it does help to give the corn a chance. Price: 4 oz. can, treats 2 bushels, 50c; 1 lb. can, treats 8 bushels, \$1.75; 5 lb. can, treats 40 bushels, \$8.00.



CERESAN

A Dust Disinfectant for Treating Wheat, Oats and Barley

For years, experiments have been conducted, trying to get a dry powder for treating oats and barley for smuts and scabs. Formaldehyde has been used with varying results. One great danger in the use of Formaldehyde is the killing of the germ by too heavy an application.

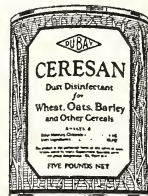
Dr. Koehler of the Agricultural Department of the University of Illinois has been experimenting for three or four years with mercury compositions and found them to show good results, but the cost was too high for practical use.

The DuPonts have also been experimenting along these lines and now offer a new product called "Ceresan" which has proven to be the best of anything to date. This is a dry powder the same as the corn dusts, and is applied in a mixer the same way.

Dr. Koehler tested this out last year and according to an article in the Prairie Farmer secured some wonderful results. In ten applications of an early variety of oats, he secured a yield of 11.4 per bushel average increase. On Iowa oats treated with this new dust treatment, average on ten applications almost 19 bushels per acre increase.

Last fall the DuPonts sent us 24 cans of "Ceresan" to be given free to our farmers for testing out on fall wheat for bunt smut, but sorry we cannot make any report on this to you until next year.

Buy a few pounds of "Ceresan" and try it out. A pound treats six bushels of oats or barley. Price: 1 lb. tin, 75c; 5 lb. tin, \$3.00; 25 lb. pail, \$12.50.



Nu Green

A grass disinfectant for brown patch, prevention and control.

Often in the summer and fall you will notice brown patches in your lawn, also on golf courses, cemeteries, and in fact anywhere grasses are fertilized, watered and clipped.

This comes from a diseased condition brought about by Fungi which can be controlled by the use of a disinfectant which kills this bacteria life.

Nu Green does not burn the grass like other preparations.

Directions with every can. Prices: 1 lb. tin, \$2.00; 5 lbs. \$8.00; 25 lb. pail, \$37.50; 100 lb. drum, \$145.00. Special prices to large users.

Disease-Free Potatoes

SEMESAN BEL Makes Seed Potatoes Healthy

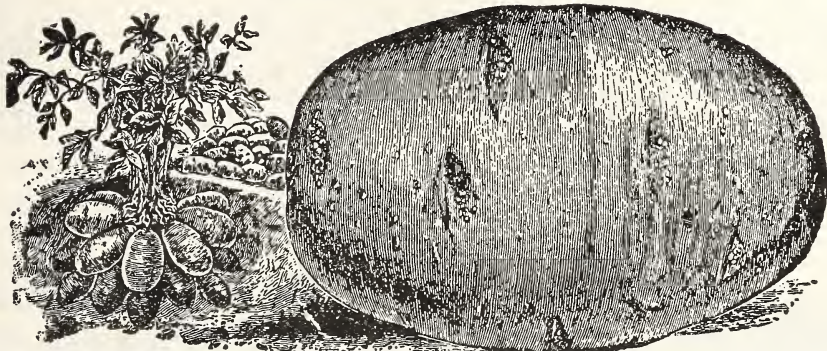
SEMESAN BEL, prepared especially for the seed disinfection of white and sweet potatoes, in addition to its advantages of dust application, is the only disinfectant which can be applied as an **instantaneous dip**. SEMESAN BEL instantaneous dip is sweeping the country and rapidly displacing the formaldehyde and bichloride treatments.

SEMESAN BEL, by controlling diseases which sap the vitality of seed potatoes, gives the seeds a chance to germinate quickly, producing sprouts of healthy vigor from which grow increased yields of clean, healthy plants and tubers. Applied to whole or cut seed potatoes either as a dry powder or a dip. Prices: lb. \$1.75; 5 lbs. \$8.00; 25 lbs. \$37.50.

SEND FOR FREE POTATO BOOKLET



SEED POTATOES

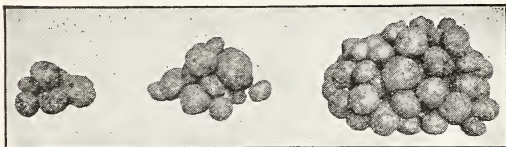


For years we have many calls for seed potatoes and this year take pleasure in letting you know we can fill your orders with the best northern grown potatoes.

The **RED RIVER OHIO** are the best all around potato which enjoys the largest sale of any variety. This variety has blunt, round ends, oblong in shape, with medium eyes, has rather dark smooth skin. Always treat with SEMESAN BEL for best results. Price: Bu. \$1.35; 2 bu. bag, \$2.50.

IRISH COBBLER — One of the best yielding varieties. About five days later than the Ohio. White potato which is favored very much by the eastern trade. Almost round with deep set eyes. Cooks dry and mealy. Be sure to treat with Semesan Bel for best results. Price, 1 bu \$1.30; 2 bu. bag, \$2.45.

While we list only these two varieties we can furnish most any variety. Please let us know your needs and we will be pleased to quote you prices. Market prices change so much on potatoes that it is hard to quote for any length of time. All prices subject to market changes. Two bushels in a bag. Order this way if possible.



Saleable

Scabby

Primes

Semesan Bel Reduces Scab and Increases Profits

These potatoes were grown from an equal number of the same lot of 100% diseased seed pieces as those shown in the preceding photo. Note the greater yield of prime quality potatoes and the smaller percentage of scabby or unsalable tubers obtained from the seeds disinfected with SEMESAN BEL.

CYANOOGAS

Kill rats, groundhogs, woodchucks, prairie dogs, moles, and ants with Cyanogas. A puff or two of this deadly gas in their burrows will kill them within a few minutes. This deadly gas is heavier than the air and will travel down ten feet to the bottom of a hole and kill every living thing in it.

Rats destroy 200 million dollars worth a year in the United States alone.

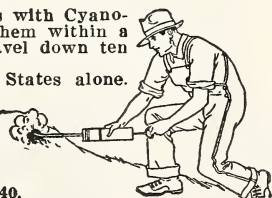
Rats have fleas and carry diseases.

Rats multiply rapidly. A pair of rats if undisturbed and none die can increase to 300,000 in three years.

Cyanogas A. dust, will kill rats where you cannot trap them.

Hand duster like cut shows, \$1.25. Large foot duster, \$3.50. Send for literature "How to kill rats."

Cyanogas A Dust in lb. cans, 50c; Cyanogas A Dust in 5 lb cans, \$2.40.



Black Leaf 40

Forty per cent Nicotine. Powerful and effective liquid insecticide. By-product of the tobacco plant, which kills aphids, thrips and leaf roller. Recommended by florists and entomologists. This is the best thing you can use on roses and shrubs to kill any insects which feed on the leaves.

BLACK LEAF 40 KILLS CHICKEN LICE

One of the new and best ways to rid your chickens of lice, is to paint the roosts with Black Leaf 40. The heat from the fowl on the roost vaporizes this strong nicotine which kills the lice, but does not affect the fowl.

Chicken lice are the greatest hindrance to the raising of poultry and eggs. When a chickens vitality is sapped by lice, it is much more susceptible to diseases, colds, roup, etc.

Prices: 1 oz. 25c; ½ lb. \$1.00; 2 lbs. \$2.50.

"Gold Leaf" Tobacco Powder

CONTROLS POULTRY ROUND WORMS

"GOLD LEAF" tobacco powder is manufactured especially for this purpose. Contains just enough nicotine to do this work without throwing the hens off their laying. Some of the more drastic medicines make the entire flock sick for several days and often stop laying for ten days or more. This treatment is simple and inexpensive to use.

DIRECTIONS—Mix two lbs. of "GOLD LEAF" tobacco powder with 100 lbs. of dry mash. 70 birds can be treated at a cost of 2 cents per day.

We guarantee "GOLD LEAF" powder to contain not less than 1% of nicotine and not more than 1½%, and to be of suitable fineness for feeding to poultry. Price: 2 lbs. sufficient for 100 lbs. of mash, 25c; 10 lbs. \$1.15; 100 lb. bag, \$6.00.

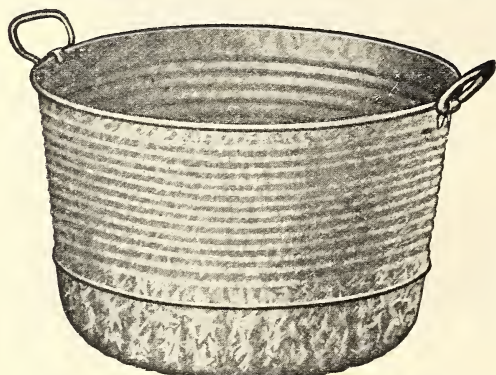
Arcadian Sulphate of Ammonia

What we consider the best fertilizer for lawns, also for gardens, shrubbery, trees and flowers. Contain 20% nitrogen which is essential for the good growth of lawns.

Two pounds of Arcadian contains as much nitrogen as 100 pounds of stable manure. There is none of the weed seeds in Arcadian Sulphate of Ammonia like in sheep manure or stable manure. Sulphate of Ammonia has tendency to eliminate weeds from the lawn and by continued use, (that is an application every season), in a short time your lawns will be entirely free from weeds.

For lawns apply one pound to every 250 square feet. For vegetables or flowers one pound for every 250 square feet. For shrubs, bushes and grape vines, one to two handfuls, according to size of bush, scattered under bush. For fruit and shade trees one to ten pounds, according to size. Spread circular area under trees beginning a foot from the base and spreading to the outer branches.

Always apply when grass is dry and wet down thoroughly. Price: 5 lb. bag, 65c; 10 lbs. \$1.25; 25 lbs. \$2.25; 50 lbs. \$3.25; 200 lbs. \$10.00.



A Few Bargains

When Ordered with Other Goods

Just a few sample bargains of what we offer at our stores.

Full weight galvanized bushel basket, dipped after being made up. Price: 50c. About 20 cents less than Sears Roebuck's price. Every farmer needs these for feed baskets. Used by city customers for ash baskets.

Winchester Repeating Hammerless Shot Gun. Sears Roebuck's price, \$44.95, our price, \$39.00.

Good Single Barrel Shot Guns, automatic ejector, \$6.85.

Winchester Stainless, 22 short cartridges, 15c per box.

Ranger loaded shot gun shells, 75c per box.

Winchester Repeater, light load, 90c per box.

Winchester Repeater, heavy load. Chilled shot, \$1.00 per box.

Sure Catch mouse traps, 1 cent each. Rat traps, 10 cents; 3 for 25c.

100 lbs. Crushed Oyster Shells, 80c.



Germaco

Hotkaps

New Method of
Plant Protection

labor and money. Instead of using glass jars, leaves and shingles for protection of plants use Hot Kaps. Price: 100, \$1.50; 250, \$3.00. Lots of 1000, \$11.50, express prepaid.

HOT KAPS—A Money Maker

Matures crops earlier, shields plants from frost, wind or rain. Protect them from insects, miniature hot houses, an amazing invention for crop insurance.

A revolutionary device that saves farmers much labor and money. Instead of using glass jars, leaves and shingles for protection of plants use Hot Kaps. Price: 100, \$1.50; 250, \$3.00. Lots of 1000, \$11.50, express prepaid.

Hot Kap Setter

A labor saving device for setting Hot Kaps accurately and evenly into the ground. Price: \$2.50, postage paid.

B-K Means Bacilli-Kill

The strongest disinfectant known. A household purifier. Once used, always used. A new and better way to purify, deodorize, and disinfect. B-K is a germicide that is different from anything you ever used. It kills the germs of diseases and odors and leaves no odor of its own.

Every dairy farmer or handler of milk in any way should use B-K. All milk bottles, separators and other utensils used in handling milk should be sterilized with B-K.

It is a concentrated sodium hypochlorite. It has three great powers.

First, germ killing being ten times as strong as undiluted carbolic acid.

Second, it is a solvent of such materials as milk solids on which bacteria thrive.

Third, it is a wonderful deodorizer.

B-K works effectively with cold water, contains no poison, acid or oil and above all is cheap. A few cents worth of B-K per day will sterilize the average dairy's run of bottles.

Ideal for hospitals, school rooms, lunch rooms, toilets, barns, hog houses and anywhere to kill bacilli.

WHAT B-K DOES FOR THE FARMER AND WHY!

1. It destroys at once on contact the germs of disease and loss in live stock and poultry and the bacteria that contaminate and spoil milk and other dairy products.

2. It helps prevent diseases of live stock and poultry, thus adding profits.

3. It helps to produce highly pure milk and cream and more of it—makes the pay check bigger.

4. It is clean—can be used anywhere. Leaves things clean, purified, odorless. Leaves no odor of itself to contaminate.

5. It saves time, labor and losses.



6. It is always ready—Just add water and use.

7. It is cheap to use—It is highly concentrated. You add water to use. Cost only 1/2c to 2c per gallon of dilution used as directed.

Government reports show that the farmers' yearly losses in the U. S. from preventable diseases of live stock and poultry are about \$250,000,000.

The losses caused by spoiled and low grade dairy products are even greater.

Send for free bulletins on this wonderful cleaner, "What B-K Does for the Farmer and Why!"

4 oz. bottle, parcel post, prepaid.....	\$0.35
10 oz. bottle, parcel post, prepaid.....	.60
1 quart bottle, parcel post, prepaid.....	1.25
1 gal. jug, express prepaid.....	3.00
5 gal. jug, express prepaid.....	12.00



Modern Method of Poisoning Rats and Mice

RAT-SCENT is a specially prepared poisoned combination of California grains, sun-dried and scented.

The scent attracts and draws rats and mice to the bait and the grain is blended to make it agreeable to their taste, in fact, they will eat it in preference to any other food.

RAT-SCENT attracts rats and mice as fish attracts cats and RAT-SCENT is the only preparation known that carries this scent and taste that rats and mice like.

RAT-SCENT has outstanding features in its use that will immediately appeal to you and instead of it being a disagreeable task to poison rats and mice you will find it a pleasure to exterminate them.

No bait to mix or spread. RAT-SCENT is ready to use. No odor from dead rats or mice. RAT-SCENT has been used in homes, restaurants, stores, department stores and in no instance has there ever

been a case of odor from dead rats or mice.

RAT-SCENT does not lose its strength. Lasts indefinitely. Does not get mouldy or wormy. Rats die outside; mice die close to bait.

RAT-SCENT especially appeals to the farmer and poultryman as it does not kill chickens, and rats and mice will eat it regardless of other grains lying around.

RAT-SCENT being a grain is not an attractive food for cats or dogs, which gives it a greater degree of safety than the ordinary baited poisons.

You will find that rats and mice will both find and eat RAT-SCENT. If you place it in piles on the floor close to walls you will get a quick and thorough extermination of them. Rats and mice cannot eat RAT-SCENT and live. After you have gotten rid of them by keeping RAT-SCENT down from time to time you will never have any more damage from rats and mice coming in. Use as directed on box and you can not fail to make a complete extermination of rats and mice.

PRICE 35c A BOX

Holden Lime and Fertilizer Spreader

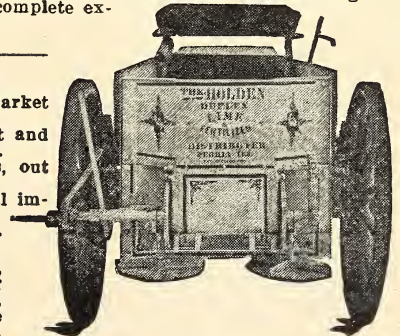
There are a great many lime spreaders on the market now but we recommend the Holden as the best.

This machine is made in Peoria by one of the oldest and largest manufacturers of fertilizer and lime spreaders.

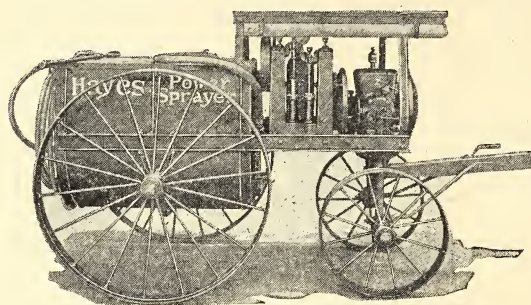
We can make quick shipment of these at all times, out of stock at either Peoria or San Jose.

Note the double fan and strong construction. Several improvements in this machine now, over a few years ago.

Spreads 20 feet wide. Handles wet or dry lime or fertilizer. Cannot clog, has auger force feed. Fits any farm wagon. One man can spread. No heavy lifting, very light draft. This spreader has been a leader among farmers for 12 years because it saves time and material, because of its low cost and long life. Price complete with one sprocket wheel, freight prepaid to your station, \$42.50. Extra sprocket wheel, \$2.75 each. Cash with order, 5% discount.



HAYES FRUIT FOG SPRAYERS



Hayes New Duplex Underslung Power Sprayer

With Cut-under Front Wheels, Made With Duplex and Triplex Pumps

Ideal outfits for the grower with from 200 to 300 trees. Guaranteed 300 pounds pressure and only differs from the larger outfits in the Hayes line in the capacity that it develops per minute which is sufficient to handle one gun or two nozzles. Equipped with Hayes Duplex Pump. The pump is operated by a roller chain flexibly connected to the 2 H. P. Fairbanks-Morse type "Z" Engine. The close connection of pump to engine and sturdy frame minimizes vibration.

This sprayer is built to give years of highly satisfactory spraying service and its underslung truck with cut under front wheels feature makes it a most desirable sprayer to use under all spraying conditions. The tank is so low it can be filled with solution by a man standing on the ground. The extra large 44 inch rear wheels and 24 inch front wheels make for light traction and ease of portability.

Regular Specifications

Engine—2 H. P. Fairbanks-Morse Type "Z." Magneto equipped.

Magneto—High tension.

Pump—Hayes Duplex No. 41A with automatic governor.

Agitator—Two 3-blade propeller type.

Tank—100 or 150 gallon, 1 1/4 inch cypress.

Cab and Curtains—Folding full length platform with roll curtains.

Strainer—Removable Brass Strainer in manifold.

Suction Hose — Overhead with screen held from agitator.

Discharge—Two Hayes Leakless stop cocks (Fig. 116).

Truck—New underslung, low center of gravity with cut under front wheels.

Wheels—Front, 24 in. x 4 in.; Rear, 44 in. x 4 in.

Dimensions—Length 100 gallon tank, 74 3/4 in.; 150 gallon tank, 90 3/4 in.; over all width, 53 in. Height to top of tank, 45 inches.

Hose and Gun—Regular combination C consisting of 50 feet in 2 25-ft. sections 1/2 in. high pressure spray hose and one Fruit-Fog Gun.

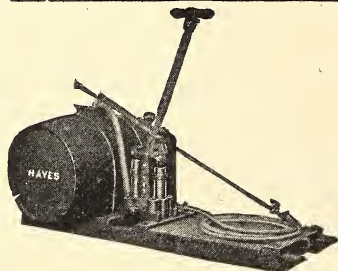
Hose and Bambo Extension—Combination H consisting of 50 feet in 2 25-ft. sections, 1/2 in. high pressure spray hose and one 10-foot bamboo extension with leakless stop cock and drip shield, two large disc nozzles (Fig. 101), and one Y connection (Fig. 160).

Accessories—Oil Can, Oil, and Spanner Wrenches.

Complete With Truck

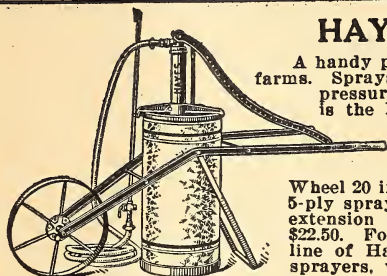
Outfit No.	Pump No.	Gallons per Min.	Tank Gallons	Tire Width	Length	Net Weight	Shipping Weight	PRICE
2414	41A	5	100	4 in.	74 3/4 in.	1160	1350	\$275.00
2415	41A	5	150	4 in.	90 3/4 in.	1220	1410	325.00

Hayes Barrel Spray Pumps



Here we offer you a 50 gallon barrel spray, all complete, bolted to a good, heavy skid which can be pulled by a team of horses, or placed on a hay rack. Capable of producing a 200 lb. spray with the heavy duplex pump. Barrel made of oak, selected material, and will last for many years. Just the outfit for 50 to 100 trees. Has automatic agitators. Can be so arranged to supply two nozzles. Comes equipped with 25 feet of heavy spray hose and extension pipe with nozzle. Price, complete, \$50.00.

HAYES WHEEL BARROW SPRAYER

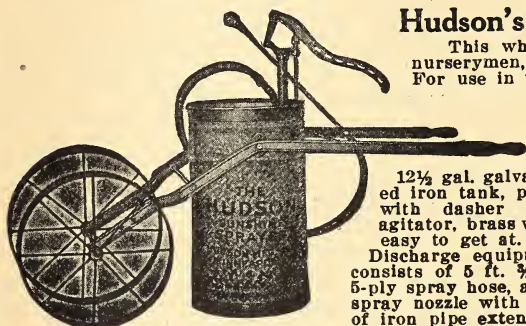


A handy portable all purpose sprayer for trees, row crops and stock farms. Sprays disinfectant or whitewash. Powerful leverage and high pressure, has the regular Hayes barrel sprayer No. 1721 which is the largest and more efficient than furnished with any other wheel barrow sprayer. Has extra long handle and extra size 2½ boiler tube air chamber, develops an air pressure and fog like spray with great ease. Heavy 12½ gallon galvanized tank, steel banded at top and bottom.

Wheel 20 inches in diameter, 2½ inch tire. Has 12½ feet of half inch 5-ply spray hose with stay-on fittings and large agitators, 8 ft. steel extension with stop cock and one strainer nozzle. Price complete, \$22.50. For pump only for barrel sprayer, \$12.50. We carry a full line of Hayes Sprayers in stock at Peoria. If interested in large sprayers, write for catalog on sprayers and our prices.

Hudson's Sunshine Portable Sprayer

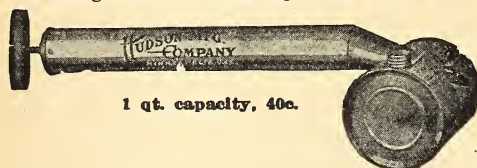
This wheel barrow type fills the needs of florists, nurserymen, gardeners, poultry raisers and farmers. For use in vineyards, orchards, truck gardens, poultry houses, etc., spray stock dip, trees, shrubs, and flowers.



12½ gal. galvanized iron tank, pump with dasher type agitator, brass valve easy to get at. Discharge equipment consists of 5 ft. ¾ in. 5-ply spray hose, angle spray nozzle with 2 ft. of iron pipe extension. Price, \$13.00.

Hudson Compressed Air Sprayer

These sprayers have tanks made like a steam boiler, seams all riveted, not soldered, which gives strength necessary for developing a high pressure and is absolutely necessary for good results. Complete with 2 feet of half inch hose, fine spray nozzle, a straight strainer cock cap and stop cock. No. 130 galvanized



1 qt. capacity, 40c.

tank, 4 gal. capacity, \$5.00; 130-B brass tank, 4 gallon capacity, \$8.75; No. 140 galvanized iron tank, 2½ gallon capacity, \$4.00; 2 feet of solid brass extension pipe, 50c each.



SPRAY HOSE

We carry a full stock of spray hose and fittings for Hayes and Hudson sprayers at our Peoria house.

BULL DOG SPRAY HOSE—There is quite a difference in spray hose as any one familiar with this work knows. Our best hose is BULL DOG, seven ply, made to withstand 400 lbs pressure, also made to stand acid sprays—½ inch. Price 27c per foot.

GOODYEAR SPRAY HOSE—A good standard hose, five ply to use on the average small sprayer. In 25 and 50 foot lengths. ½ inch, 5 ply. Price 22c per foot.

GOODYEAR WINGFOOT SPRAY HOSE—½ inch. Price 17c per foot.

Cure Your Meat With Old Hickory

Save Labor, Shrinkage, Fire Risk and Worry

Get the exact flavor you want; a beautiful brown color and uniform smoke cure from rind to bone. Nothing takes the place of the original and genuine.



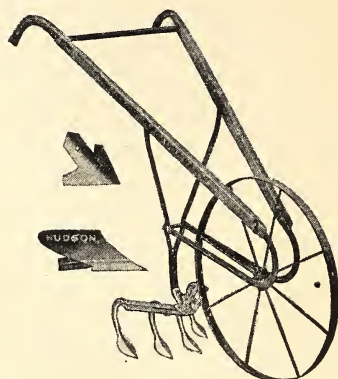
Examine the package carefully before you buy. The air-tight, ten lb. drum, with the yellow and blue label must carry the Old Hickory Smoked Salt trade-mark. We have it and we guarantee it to be the genuine article. Price 10 lb. can \$5c.

Garden Plows

We carry in stock several styles of garden plows, but recommend this as the best all-purpose plow we have to offer.

Few people realize the value of a good garden plow until they have actually used one. You can do ten times as much work in an hour as with a hoe, and you will find it easier to use.

This plow has a 24 inch wheel, which makes it very easy to push. You will notice you are pushing almost straight ahead, whereas with a low wheel you waste 40 per cent of your strength pushing in the ground. All steel except the handles which are adjustable as to height. Can furnish with any equipment, but come regularly with a breaking or turning plow, a middle buster and a double end bull tongue which is the tool for close cultivation. Standard package. One in a bundle K. D. Weight 22 pounds. Price: \$2.75.



Bolens Garden Tractor



We have sold several different kinds of garden tractors, but find the Bolens gives better service than any others. Last year we sold almost a dozen of these tractors and all gave the very best of service. We carry them in several different styles. Send for catalogue and prices.

The Bolens Tractor

Is a motive power unit designed to do accurate seeding, close weeding, general cultivating, also lawn mowing.

BOLENS must not be confused with other garden tractors. It is vitally different in all essential features.

1. A Patented Arched Axle 16½ inches high enables the operator to see the row about two feet ahead of the drive wheels and four feet ahead of the tools. Guiding can be anticipated. A blind man cannot cultivate, neither can the man who does not see the row.

2. Combined with the arched axle is the **BOLENS Tool Control**. The cultivator draw bar is attached at a pivot point in front of the drive wheels. Steering the tractor, automatically leads the tools in the same direction. There are no contrary movements just a simple natural steering to keep the tractor arch centered over the row. A boy of fourteen can do it successfully.

3. **Offset Handles** place the operator between the rows where he can walk in comfort while the tractor straddles the row.

4. The **Double Clutch Drive** enables the operator to apply the power to either drive wheel. At the end of the row the handles may be lifted and the motor will turn the tractor in a space about one-half its length.

5. **Instant Hitches** make all **BOLENS** implements work one, two or three rows. The tool holders are adjustable for depth, width or angle, as soil conditions or crops require.

6. **BOLENS** cultivating equipment will work one, two or three rows. The tool holders are adjustable for depth, width or angle, as soil conditions or crops require.

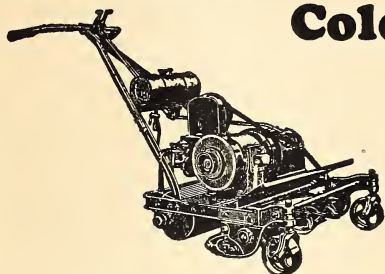
7. Other **BOLENS** advantages are the patented air cleaner for the carburetor, a snappy, powerful four cycle motor, air cooled with magneto ignition and complete speed control for either delicate or coarse cultivation.

The man who owns a **BOLENS** can handle greater acreage with less labor and grow better crops, because of more intensive cultivation. We know of truck growers whose **BOLENS** have earned them twenty dollars a day in actual saving of wages as compared with hand work. It is not at all unusual for a **BOLENS** outfit to make its owner ten dollars a day clear.

Price, no tools, freight paid your station, \$185.00.

HAND MOWERS

We carry in stock at both Peoria and San Jose, a full line of the best makes, such as Pennsylvania, Eclipse, Winchester, Herschel and cheaper mowers. Never buy a mower until you get our prices. Call at our stores or write for prices.



Coldwell Power Mowers

We have handled many different mowers in the past 24 years, and find some good and others not so good. In the Coldwell Power Mowers we offer one of the oldest and best known line. We carry them in different sizes. These are not assembled mowers but built complete at their Coldwell Cub Power Mower factory.

We do not have space to give a detailed construction of this line, but ask you to send for catalogue and prices on one entire line, or if possible come to our Peoria store where we have them in stock and we will be glad to show them.

The Cub

THE CUB is a well built 21 inch machine, detachable front cutting unit and a full width drive roller. Separate clutches control the cutting unit and the traction roller. Has force feed oiling system, single cylinder four cycle powered engine. High tension Bosch ignition system. A light, strong, easily handled mower, so simple that an inexperienced man can understand and operate it. It is made light and strong by using steel and malleable iron where best adapted. Price: \$190.00.

Heavy Type, Two Cylinder Mower

The very latest thing in power mowers.

NOTABLE FEATURES IN THIS COLDWELL MODEL

Powerful 2-cylinder water cooled motor. Automatic lubrication. Self-adjusting clutches which release automatically if knives pick up an obstruction. Transmission and clutch entirely enclosed. Separate control for cutting knives and for drive roller. Can be used for separate rolling on tennis courts, etc. Channel steel frame. Flexible for trimming. Large capacity. Riding sulky for the operator.

SPECIFICATIONS

MOTOR: Twin Cylinder 4 cycle.

Horse Power—5 H. P., S. A. E. rating.

Ignition—Bosch high tension magneto.

Carburetor—Tillotson, Automobile type.

Lubrication—Force feed lubrication with pump.

Bearings—Crank shaft and transmission shaft carried on Roller Bearings.

Cooling—Water cooled with radiator and fan.

TRANSMISSION: Self - adjusting, automobile type cone clutches, Roller chain drive.

SPEED: Governor control. (Maintains constant comfortable walking speed and supplies

sufficient power for the load under all conditions).

CUTTING UNIT: Demountable 5 blade revolving cutter, blades oil tempered.

HEIGHT OF CUT: 3/8 inch to 2 inch.

WIDTH OF CUT: 25 inches (60 inches when gang units are attached).

CUTTING CAPACITY: 4 to 6 acres combined mowing and rolling per day. (Gang attachment increases mowing capacity to from 10 to 12 acres per day).

LUBRICATION: Alemite-Zerk grease gun.

WEIGHT: Net 380 lbs. Crated 500 lbs.

This mower is designed for heavy work. Has a powerful twin cylinder motor which develops 5 Horse Power. By attaching two gangs to this machine you can cut 60 inches at a through, covering 10 to 12 acres per day, or with a single machine 46 inches. 25 inch cut, \$325.00. Complete with gangs, 60 inch cut, \$385.00.

PLANET JUNIOR GARDEN TOOLS

We carry a full line of Planet Jr. tools. Send for catalogue and prices of complete line.

THE NO. 26 PLANET JR. DRILL SEEDER for all soils. Can be used on muck soils. A new drill which has been out three years and found to be very practical for field work. Wide tread wheels, front and rear not only make it easier running, but covers more evenly. Has a protected shaft drive, 4-quart hopper, adjustable scrapers, marker adjustable to 20-inch row. Price \$20.00, freight or express prepaid.

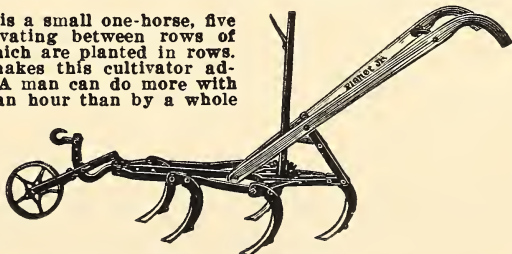
NO. 101 D PLANET JR. CULTIVATOR is a small one-horse, five shovel cultivator. Is very useful for cultivating between rows of potatoes, corn or vegetables of any kind which are planted in rows. It has a long steel lever expander which makes this cultivator adjustable from 12 inches to 36 inches wide. A man can do more with one of these cultivators with one horse in an hour than by a whole day's work with a hoe or push cultivator.

The No. 101 is simple, strong and easier handled and has so few wearing parts that it will give years of service with an occasional replacement of teeth. Equipped with five 3x8 inch steel cultivator shovels, weight 46 lbs.

Price, 101 D., no wheel, \$9.50, express paid to your station.

OUR SPECIAL HORSE DRAWN CULTIVATORS

Made in Peoria. Same as cut with expanding lever, five shovels, \$8.00. Same with seven shovels, \$9.00. Same except no wheel, with five shovels. Our best seller and bargain at \$7.50.

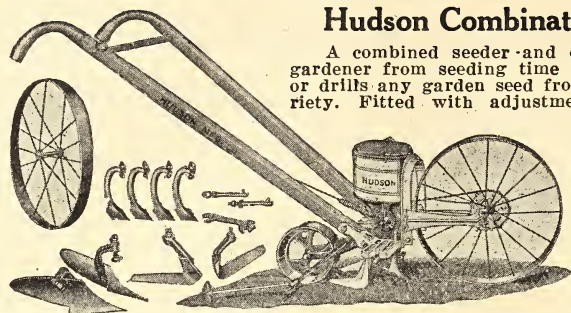


Hudson Combination Seeder and Cultivator

A combined seeder and cultivator. An equipment to serve the gardener from seeding time until final cultivation. It sows in hills or drills any garden seed from peas or beans down to the finest variety. Fitted with adjustments to care for every gardener's requirement.

As a seeder it opens the furrow, drops the seed, covers the furrow, packs the earth and marks the next row.

The seed regulating plate is brass with openings die cut to insure absolute uniformity. This gives perfect control of the seed flow and assures a uniform drop. Sows all seeds from beans down to the finest garden variety, in continuous drill or hills, 4-5-6-8-12-24 inches apart. Adjust planting at any depth to 2 inches.



ments in furrow opening shoe and cover, permitting One in wood box, handles bundled separately, shipping weight 56 lbs. Shipped by express prepaid for \$13.00. Regular price \$17.00.

"The very Implement we Need"

Meeker Smoothing Harrow

The Meeker Smoothing Harrow prepares any soil for planting. Famous seed growers use the Meeker Smoothing Harrow. It is a perfect pulverizer, smoothing harrow and rollers combined. It has four sets of rollers equipped with 46, 58 or 82 discs depending on size. These discs are set in alternating rows so the entire surface is thoroughly worked. They grind up all lumps leaving the soil fine and smooth, even in damp soil. The alternating arrangement of the discs prevent clogging. The board in the center serves as a lever. It smooths down ridges and fills up hollows.

DOES THE WORK OF A DOZEN MEN

The Meeker harrow will give just as good a seed bed as you can get



Meeker Smoothing Harrow "Helps Good Seeds Grow"

by hand raking and will do the work of a dozen men at small cost. In fact the Meeker Harrow gives a better seed bed because it does the work much deeper than a rake, stirring and pulverizing the soil to a depth of 4 to 5 inches.

Burpee, Hurd, Gregory, Brech, Woodruff and other leading seedsmen are using the Meeker Harrow for making a perfect seed bed,

also thousands of Market gardeners and truck growers. Write for folder, "Results of a Meeker Harrow."

	Prices
4' 6"x4' harrow with 8 inch discs.....	\$35.00
6' 8"x6' harrow with 8 inch discs.....	40.00
6' 8"x6' harrow with 10 inch discs.....	50.00
8' x 6' harrow with 8 inch discs.....	55.00
8' x 6' harrow with 10 inch discs.....	60.00

Wire Glass Cloth

This is a light weight unbreakable material, which admits light, is hail proof, cold proof and weather proof. Has heavy galvanized screen wire base.

Ideal for hog houses, hot beds, cellar windows, covering screen doors for winter, chicken houses and in fact anywhere that you want light and sunshine.

This material transmits the Ultra Violet Life-Giving Ray and the essential vitamine D where the common sand glass does not.

We have this in 26 inch width for 28c per lineal foot and the 36 in. width for 40c a lineal foot.

Turner's Glass Cloth

This is a glass substitute, but has no screen wire in it. Admits light and keeps out cold. Will last two or three years. 36 inches wide, 11c per lineal foot; 25 foot roll \$2.25.

Double Chick Feeders



These feeders permit the chicks to feed on both sides. Prevent waste of feed, and keep it clean. Sliding top comes off readily for refilling. Heavy galvanized steel or aluminum seamless construction.

Galvanized Steel.....	10-in. 10 holes, 3 for 60c; 6 for \$1.10; doz. \$2.00;	20-in. 20 holes, doz. \$3.00
Aluminum.....	10-in. 10 holes, 3 for \$1.60; 6 for \$3.00; 20-in. 20 holes, doz. \$6.00	

Poultry Equipment and Supplies

SEND FOR SPECIAL CATALOG ON SUPPLIES

The raising of chickens and the production of eggs has been one of the most profitable things the farmer has had and one of the things which has kept many a farmer out of bankruptcy.

We do not catalog incubators as there is a hatchery now in almost every neighborhood and we find this increases the demand for brooders but not incubators. We have one of the best lines made. The MaKomb line, made only about 35 miles from Peoria. We can make quick shipment from either Peoria or San Jose.

Patented "By-Pass" Control, unlike any other, superior to any other.

Tilting Canopy for convenience.

The "MaKomb" Coal Brooder

(Patented)

Extreme size and coal capacity, entirely automatic control. Easiest to operate in the world. Handles all Usual Fuels With Greater Economy.

Actual Coal Capacities

42 in.-35 lbs.; 52 in.

52 lbs.; 60 in.-66 lbs.

Patented Removable Baffle Plate.

Five inch stove Pipe.

Big Hinged Top

Door, fills direct from coal scuttle.

One-Piece Gas

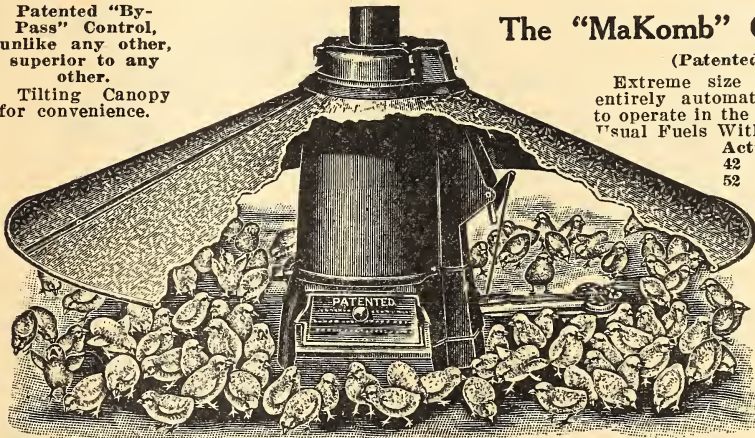
Proof Barrel.

Heavy Rocker

Grates, large in area.

Positively Satisfactory, Using

Soft Coal

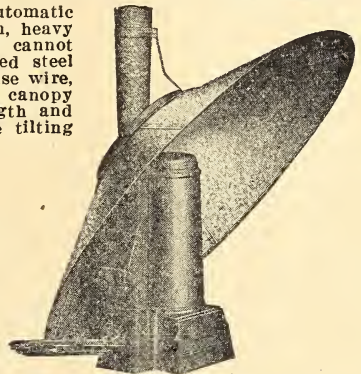


Extra large size, and large coal capacity. Entirely automatic control, easiest to operate of any in the world. Construction, heavy cast iron throughout. Base, solid, fire proof so chicks cannot squeeze under it. Canopy of heavy 26 inch gauge galvanized steel formed on accurate dies of exact dimensions. Bottom has false wire, supported from stove and equipped with heavy drawn steel canopy ring 20 inches in diameter which gives canopy great strength and rigidity and incorporates many new features, including the tilting canopy.

IMPORTANT SPECIFICATIONS

Diameter of Canopy	42 in.	52 in.	60 in.
Day Old Chick Capacity	500	1000	1400
PRICE	\$13.00	\$16.00	\$20.00
COAL CAPACITY	35 lbs.	52 lbs.	66 lbs.
Size of Pipe	5 in.	5 in.	5 in.
Weight of Uncrated Stove	74 lbs.	92 lbs.	110 lbs.
Weight of Crated Stove	82 lbs.	103 lbs.	122 lbs.
Weight of Crated Canopy	16 lbs.	24 lbs.	32 lbs.
Diameter of Grates	9 1/2 in.	11 in.	11 in.

Coal capacity is the only true gauge of size, of chick capacity and of value. The "MaKomb" is supreme in coal capacity, in design and in construction.



How the canopy appears when tilted for attention to stove or chicks. An exclusive labor saving feature.

Brooder Coops—\$1.00 Each

Protect your chickens from vermin and storms. Do not raise chickens and have rats, mink, weasels and skunks destroy them and destroy the profits when you can buy brood coops at these low prices. Substantially built of 28 gauge galvanized iron. Size 24x16x18, well ventilated, shipping weight 11 lbs., packed half dozen in carton, \$6.25; 1 dozen, \$12.00.

Chicken Waterers

Warm water in winter. Cool in summer. Will keep water warm or cold 12 hours. Give your poultry plenty of good fresh water and increase egg production. Three gal. size. Price \$2.00; 5 gal. size, price, \$2.50.

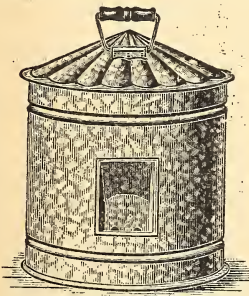
These round hole chick feeders are excellent for either dry or liquid feeds.

They are raised at the center to throw the feed to the outside so all of it can be reached by the chicks.

Galvanized Steel, 6-in. 8 holes, 1/2 dozen, 65c; dozen, \$1.20; 8-in.

12 holes dozen \$2.00.

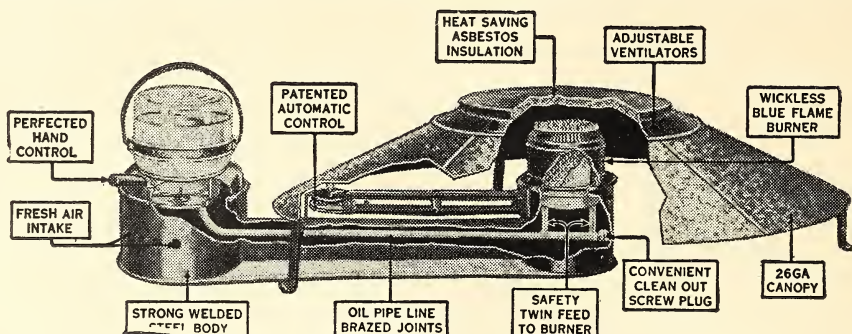
Aluminum, 6-in. 8 holes, 1/2 doz. \$1.60; doz. \$3.00; 8-in. 12 holes, dozen, \$4.50.



"Kerostat" Automatic Oil Brooder (Patented)

Perfected Thermostatic Control

Needs No Levelling, Ideal Insulated Canopy, Wickless Blue Flame, No Gas, No Fumes, No Valves



You will notice from the cut the many advantages of this oil brooder. Starts on and burns kerosene. Does not require generating with gasoline. No trouble, no danger. No overflow, because the special reservoir bowl is equipped with relief holes, so even if the bottle breaks, oil will not flood the burner. Kerostat canopy forms a perfect circle, an ideal shape for brooding and is made very rigid by the large steel canopy ring.

The new insulated top prevents wasteful radiation of heat upwards but throws it down onto the backs of the chicks where it belongs. Comes ready to operate with oil stove and all loose parts securely packed in strong carton, and canopy knocked down and crated.

32 inch Standard Canopy—Capacity 300 day old chicks. Weight 36 lbs. Price.....\$11.00
 42 inch Insulated Canopy—Capacity 500 day old chicks. Weight 42 lbs. Price.....\$13.00
 52 inch Insulated Canopy—Capacity 1000 day old chicks. Weight 49 lbs. Price.....\$15.00

80 chick electric brooder, 24 inches in diameter, \$2.50
 60 chick "Gray Hen" lamp brooder complete, \$3.25

Cleanable "Thermodrink" Fountain

Two Drinking Cups—Easiest to Fill and Clean
 3 Gallon Size, \$2.65—5 Gallon Size \$3.00.

Here is an Insulated Fountain of unusual merit, built to the order of the discriminating poultryman.

A full size, two-part, Cleanable "Thermodrink," offered this year for the first time and certain to prove an extremely heavy seller. We have produced exactly the Winter Fountain the public demands. Although novel and superior in design, it is low in price and will sell on sight.

Accurate, complicated dies and volume production enable us to eliminate the usual high cost and crude hand workmanship. A very pleasing, attractive appearance is presented.

SPECIFICATIONS

Constructed of heavy (26 ga.) galvanized steel, carefully tested. All seams locked and soldered. Reversing handle for convenience in filling.

Cone Top prevents roosting.

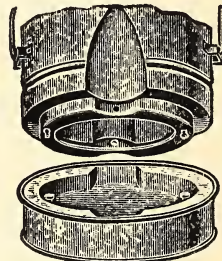
Positive Bayonet Lock holds sections firmly together when in use. yet releases freely for filling and cleaning.

Die Drawn Bottom Pan with rounded edges. No dirt Catching Corners or Pockets.

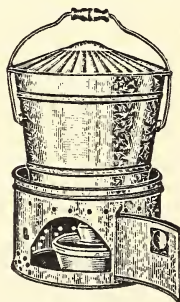
Inner Tank carefully tested, guaranteed tight.

Deep Layer of special insulating material between inner and outer containers.

Fount open to fill or clean



Note the open view showing simple, positive lock, and ideal construction.



Fountain With Heater complete, \$3.25

The "MaKomb" Heated Fountain

Six Gallon Capacity Self Cleaning

A new lamp heated fount of superior design. Large capacity, simple, sturdy construction and ease of cleaning make it ideal for large and medium flocks. The water trough extends completely around fount for maximum drinking space. The large lamp bowl holds 20 days' oil supply eliminating nuisance of daily attention. Illustration shows cone top and overhanging sides protecting the trough from filth. Heavy rust-proof steel throughout (26 ga.) with fireproof base or lamp housing. Used without base for baby chix.

John Deere Implements

We carry a large stock of John Deere implements at Peoria and San Jose, and if you are near Peoria or San Jose be sure to get our prices on any implements, farm or truck wagons. We will make you a price delivered to your station. Also agent for the Pekin Wagon.

PLOW SHARES.

We carry a stock of John Deere Plow Shares at Peoria to fit any John Deere Plow.

BINDER AND MOWER REPAIRS

John Deere—carry a stock of these with us for your convenience. Orders shipped promptly.

Nails, Smooth Wire and Fencing

We contract these, several cars at a time and are in position to make very low prices. For large lots, please write for special prices. We quote on small lots, F. O. B. Peoria or San Jose.

All wire fencing, barb wire, and smooth wire, is the very best, coated with pure zinc. Full gauge wire, no cheap mail order fencing. No better made.

Prices all fluctuate but we do not expect much of a change before July 1st, as the new prices which are some higher went into effect December 1, 1928.

80 rod roll, No. 12 cattle barb wire.....	\$3.45
80 rod roll, 12 gauge hog barb wire.....	3.60
No. 9 galv. smooth wire, 100 lbs.....	3.25
No. 12 galv. smooth wire, 100 lbs.....	3.50

832-6-9, 75c rod; 12 inch stay, 55c rod.
939-6-9, 85c rod; 12 inch stay, 60c rod.
1047-6-0, 95c rod; 12 inch stay, 70c rod.
1155-6-9, \$1.10 rod; 12 inch stay, 75c rod.

NAILS

16 penny common, or larger, per keg.....	\$3.50
8 penny common, per keg.....	3.85
10 penny common, per keg.....	3.75
3 penny galv. shingle nail, per keg.....	6.85
Large headed, galv. roof nails, per keg.....	6.75

WIRE FENCING

How to read specifications of fence.
726-6-11, means first the number line wires (7), the next two figures the height (26 in.), the next figure the lengthwise spacing which is 6 inches, and the next two figures (11) is the size of the wire. Price, 45c per rod.

726-6-12½, 35c rod; 12 inch stay, 25c rod.
726-6-11, 45c rod; 12 inch stay, 33c rod.
832-6-12½, 40c rod; 12 inch stay, 30c rod.
832-6-11, 50c rod; 12 inch stay, 38c rod.
939-6-12½, 45c rod; 12 inch stay, 33c rod.
939-6-11, 60c rod; 12 inch stay, 45c rod.
1047-6-11, 66c rod; 12 inch stay, 50c rod.
1155-6-11, 75c rod; 12 inch stay, 55c rod.

ALL NO. 9 WIRE

726-6-9, price 65c rod; 12 inch stay, 45c rod.

POULTRY AND RABBIT FENCING

15½ filler, close spacing, top and bottom 12½ gauge.
16 wire, 36 in. high, 6 in. space, 15½ filler, 42c rod; 14½ filler, 50c rod.
19 wire, 48 in. high, 6 in. space, 15½ filler, 50c; 14½ filler, 60c rod.
22 wire, 16 in. high, 6 in. space, 15½ filler, 60c rod; 14½ filler, 70c rod.
25 wire, 12 in. high, 6 in. space, 15½ filler, 70c; 14½ filler, 80c rod.
No. 10 top and bottom, 12½ in. filler, heaviest chicken fence.
19 wires, 48 in. high, 6 in. space, 12½ filler, 90c.
22 wires, 60 in. high, 6 in. space, 12½ filler, \$1.05.

STEEL FENCE POSTS

Heavy studded T posts, same as red top only painted all red, including seven wire fasteners for each post:

6 ft. long, 35c each; 6½ feet long, 37c each; 7 feet long 39c on 100 or more, one cent per post less. For large lots of posts or wire fencing, write us.

Team Harness

All harness or strap work is considerable higher than last year on account of the higher price of hides.

We carry many different kinds of harness in stock both at Peoria and San Jose. If you are near enough to come to San Jose, we will be glad to show you our entire line.

We give you a description of our leader which is made up to our specifications and which, we think, is the best harness made. All No. 1 oak tanned leather, which if not entirely satisfactory may be returned at our expense and money refunded.

Most mail order houses try to sell on just price alone but we offer the best and at a fair price. This harness is made out of the very best No. 1 oak tanned leather, sewed with pure linen thread and is full size in every way. No small or skimmed harness but as good as is made.

We will ship one of these sets either slip tug or tight. If it does not look to be worth the money when you receive it to us and your money will be refunded. We pay-

ing the charges both ways.

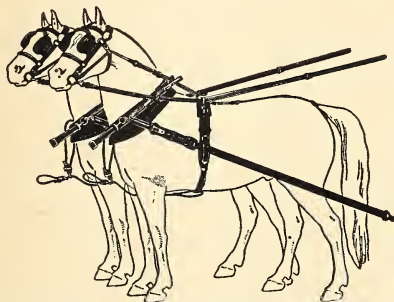
Description: Bridles adjustable, ring crowned, short cheeked, combination front and winker brace 7/8" extra heavy (most bridles being made 3/4"), lines 1 1/8" x 20 feet long with snaps; hames 92 ball top, ironed both inside and out; traces 1 3/4" screwed in cock eye; hame tugs 1 3/4" Moebler, adjustable trace supports, hook and terret pads, stuffed bottoms. Turn back, folded crupper either buckled or sewed on. Belly bands 1 1/4" folded. Breast straps 1 1/2" wide, cut 66 inches long, doubled at ring, sewed loops and metal slides. Pole straps full 1 1/2" inch long with ring sewed in for breeching. Hame straps 1 inch; collar straps 7/8"; spread straps 5/8"; hitch straps 7/8" wide by 7 feet long, with loop. We can furnish this harness either in XC bright finish or black Japanned finish. Made right and of the very best leather. Price complete, \$57.50.

STRAP WORK—Just a few every day items. None better.

EXTRA HEAVY TEAM BRIDLES, like in above harness, per pair, \$10.00.

TEAM LINES, 1 1-8 inch by 20 feet long, with snaps, per set, \$7.25.

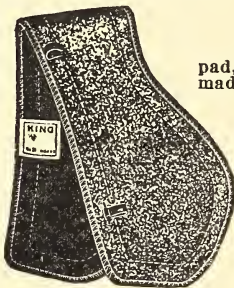
TRACES, 1½ inch, 6 ft. 6 inches long, sewed in cock eye, per set, \$12.00.



BREAST STRAPS, 1½ inch, cut 66 inches long, sewed loop, \$1.10.
BREAST STRAPS, 1½ inch, riveted loops, each, 90c.
HITCH STRAPS, 3-4 inch by 7 feet with metal loop, each, 50c.
HITCH STRAPS, 7-8 inch by 7 feet with metal loop, each, 60c.
 No. 1-7-8 inch hame straps, hand sewed loop, each, 25c.
 No. 1-1 inch hame straps, sewed loops, each, 30c.
SEVEN 1 INCH LINE SNAPS, 25c.

Binder Twine

We buy binder twine on a jobbing basis, selling several carloads every year. While the price is not set yet, we ask you not to forget us and give us a chance to figure on your needs. By March 1st we will have our prices. We will quote freight paid to your station, or call at our stores. Made by one of the largest makers of twine.



SWEAT PADS

Prices lower than Sears & Roebuck. Red Edge, 11 inch draft collar pad, composite stuffing, five rows quilting, four hooks. Best pad of this kind made. All sizes up to 22 inches, 45c each; 23, 24, 25 inch, 50c.

Same pad but with drill facing and brown back, size up to 22 inches, 65c each. 23, 24, 25 inch, 70c each.

KING

10 inch draft, filler padding made of human felt, lined with high class black glazed drill. Heavy brown front, overseamed edges, 4 hooks. This pad is what we think the best made for a thin pad. Drill goes next to the horses shoulders. This drill is smooth, easily cleaned and does not chafe like a felt pad. Price, all sizes up to 22 inches, price 65c each; 23 inches and larger, price 70c each.

KELLY'S CHICKEN FEEDS

KELLY'S EGG MASH contains a large variety of the best material for egg manufacture. The hen manufactures eggs from the food she eats and can only produce if she is given a chance by supplying her with the necessary elements for egg production. The average hen lays around 150 eggs a year but by proper feeding and care you can increase this to 250 eggs a year.

In the summer time when a hen can range around and get plenty of green feed, worms, bugs and other insects it is not so important to supply her with a balanced feed but in the late fall and winter when eggs are high and you want to produce to pay you a profit it is absolutely necessary to supply your laying hens with an egg producing feed.

In Kelly's Egg Mash you get this balanced feed in the following: Dry butter milk, meat scraps, oat flour, corn gluten, wheat, bran middlings, wheat bran, corn meal, alfalfa meal, and calcium carb-nate. Guaranteed protein 20%, fat 4%, fibre 8%, carbonate hydrate 50%. Price, bag of 100 lbs. \$3.00; 500 lb. lots, \$2.90. Ton or more, \$54.00.

KELLY'S BABY CHICK STARTER

The greatest loss with baby chicks takes place during the first ten days, mostly through inexperience of the poultry raiser and failure to supply the correct quality and amount of nutrition. **BABY CHICK STARTER** contains those ingredients easily digested, sweet, clean, pure and correctly balanced to supply the right amount of proteins, vitamins and carbohydrates for a healthy, vigorous growth, supplying the elements that build blood, tissue, muscles and feathers, with sufficient natural salts and mineral matter for bone building.

BABY CHICK STARTER is low in fibre, yet has sufficient to maintain the bowels in normal condition to promote vigorous development and early maturity. It contains oat flour,

flour middlings, corn meal, dried buttermilk and bone meal. Protein 12.0%; fat 4.0%; fibre, 6.0%; Carbohydrates, 60.0%.

100 lb. bag Kelly's Chick Starter.....\$3.50
 100 lb. bag Kelly's Chick Feed.....3.00

KELLY'S SCRATCH FEED

Balanced ration for growing chickens also hens. Mixture of clean feeds, free from dirt and sweepings. Guaranteed analysis, protein minimum is 10%; fat 2.05% carbohydrate 65%, fibre 5%. Ingredients, wheat, corn, kaffir, buckwheat, barley, oats and sunflower seed. 100 lb. bag, \$2.85; 500 lbs. \$2.80.

CALF MEAL

Substitute for milk. Mix with water, separated milk or part with skim milk. Very low priced feed. Saves feeding high priced whole milk. Price: 25 lb. bag, \$1.00; 50 lb. bag, \$1.75; 100 lb. bag, \$3.65.

MILL FEEDS

Prices on mill feeds are some higher than 30 days ago on account of the foreign demand. The foreign corn crop is very short and they are buying mill feeds. All prices subject to market changes after 30 days from January 20th. For large lots write for special prices:

	Bag	Ton
Pure wheat bran	\$1.85	\$37.00
Standard flour middlings	2.00	38.00
Egg mash, with meat scraps	2.85	50.00
Egg mash, with buttermilk	3.00	58.50
Red dog flour	2.75	54.00
Dairy feed	2.65	52.00
Pig meal	3.25	64.00
100 lb. bag Oyster Shells	.80	

HOG TROUGHS

HEAVY GALVANIZED SEAMLESS

Something on which every farmer is short. Can be used for hogs or chickens. Freezing will not hurt them as they are all one piece. Not the cheap soldered kind. Price for 2 ft. trough, 75c; 4 ft., extra heavy, \$1.75; 6 ft. \$2.40; 8 ft. \$2.85; 10 ft. \$3.50. Packed two in a bundle.

Dahlias

While many are growing Gladiolus, Peonies, Cannas, Lillies, and other flowers, we find none of them compare in beauty and lasting qualities with the Dahlias. Plant them around May first and you have flowers from July to freezing weather.

Our Prize Dahlia Collection

15 different kinds, ten different colors, some worth 50c each, all for \$1.25, postpaid, or \$1.00 with order for other seeds of bulbs.

Named varieties 20c each, 10 for \$1.75. Any of the following named varieties, most of which are worth from 50c to \$1.00 each.

Queen Elizabeth—Color, a beautiful mauve. Large flowers.

Laura Barnes—Grandest Peony Dahlia. Orange red flowers.

Variegated Duke—Scarlet and white. A grand novelty.

Mina Burgle—Brilliant scarlet. Flowers gigantic size.

J. M. Goodrich—Salmon pink. Free flowering. Long stems.

Mrs. Berger—Deep purple, variegated with white.

Mrs. Thomas Birch—Rich gold, pink tinted fawn, gorgeous.

Snow Ball—Pearl white, long stems.

D. M. Moore—Free bloomer, deepest velvet maroon.

Golden Gate—Cactus, yellow, shaded brown and red.

Jeanne Charmet—Flowers 6 to 8 inches, lilac pink.

L. Kramer Peacock—Ideal white, long keeper after cut.

\$1.00 to \$1.50 VARIETIES, 50c EACH

The Mahdi—Peony, rich blood, streaked white and yellow.

Tenor Alvarez—Rose violet, lilac and white striped.



James Wallace Kelly examining a prize Mrs. I. De Ver Warner Dahlia blossom.

Fire Burst—Pale red scarlet, long stems, free bloomer.

Carmille Frachon—Peony, Analine red, deepened to rich garnet.

Ben Wilson—Mammoth bright red, tipped and shaded yellow.

Mrs. I. De Ver Warner—Queen of all Dahlias, 75c, often sold for \$2.50 to \$4.00 per bulb. Our own growing. A wonderful Dahlia which has justly gained a great reputation, produces great masses of perfect flowers, under all conditions. A pleasing deep mauve pink or lavender color. Grows four to six feet tall, flowers early and continues to bloom until frost. Be sure to order a few of these. Single tuber, 75c each, 3 for \$2.00, postpaid.

We can furnish almost any variety since we have 304 different kinds. Plant April 15 to June 1st, six inches deep, lay flat, have soil worked deep. Support with wire racks or stakes. Fertilize with half cup Vigoro to a plant.



Turn Garden Refuse into Manure

Every bit of non-woody refuse that comes from your garden—cuttings, leaves, vines, etc.—should be mixed with "ADCO," kept moist and thus converted into high grade manure.

It is very simple and not a bit laborious—and every garden NEEDS manure.

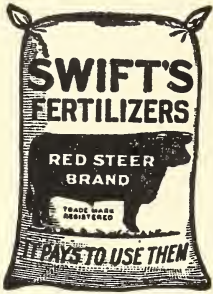
PRICES: — 25 lb. bag, \$2.00. Enough for 12 wheel barrow loads of garden waste, making a half ton manure.

Spray Your Plants This New Safe Way.

A highly effective non-poisonous insecticide. Absolutely harmless to man, live stock, birds and pets. Cannot burn or otherwise injure most delicate plants even in the concentrated solutions. Keeps its strength indefinitely. No continuous agitation necessary—remains in solution and will not gum sprayers. Will not injure rubber, metal, hands or clothing. Tests show EVER GREEN to be effective against cutworms, cucumber beetles, cabbage worms, aphids (plant lice), leaf hoppers, thrips, rose slugs, melon beetles, currant worms and most other insects, both chewing and sucking. Being non-poisonous it is mailable. One gallon makes 800 gallons effective aphid spray. Prices: 1½ oz. 35c, (makes 9 gallons spray); 6 oz. \$1.00; 16 oz. \$2.00; 32 oz. \$3.85; gallon bottles, \$13.00. Full instructions with each bottle.



and pets. (No danger of eating poisoned vegetables.) Cannot burn or otherwise injure most delicate plants even in the concentrated solutions. Keeps its strength indefinitely. No continuous agitation necessary—remains in solution and will not gum sprayers. Will not injure rubber, metal, hands or clothing. Tests show EVER GREEN to be effective against cutworms, cucumber beetles, cabbage worms, aphids (plant lice), leaf hoppers, thrips, rose slugs, melon beetles, currant worms and most other insects, both chewing and sucking. Being non-poisonous it is mailable. One gallon makes 800 gallons effective aphid spray. Prices: 1½ oz. 35c, (makes 9 gallons spray); 6 oz. \$1.00; 16 oz. \$2.00; 32 oz. \$3.85; gallon bottles, \$13.00. Full instructions with each bottle.



Use Swift's Fertilizers

Make one acre produce as much as two.

The cost of labor to produce a crop of 80 bushels of corn to an acre is no more than to produce a 40 bushel crop.

In order to produce an 80 bushel crop you must have all the elements in the soil in sufficient quantities to do this. You may have sufficient of all these except one or two of the necessary elements and by this shortage (which we can supply at a small cost) you will raise but 40 bushels.

Here is where the big profit is made by the use of fertilizers. You may need only Phosphate, Potash, Sulphate of Ammonia or Lime. We buy fertilizers containing different amounts of these elements and can furnish you whatever your soil needs.

The right fertilizer not only makes a larger yield, but earlier maturing and better quality.

Much of our soil needs lime, but this is not a panacea for all soils. You can get too much lime, and lime applied to heavy, black gumbo soils is usually applied at a loss. Many think this kind of soil does not need anything, but we find very often it needs Potash. All plants are equipped with a transportation system, which transports water and plant food to the ear or fruit.

No doubt you have noticed the fibers in the pith of a corn stalk. These fibers are water and food tubes, the transportation system of the corn plant.

When soil lacks Potash, the iron in the corn plant wrecks this system, and reduces the yield. This deadly accumulation usually causes a darkening of the joints that can readily be seen with the naked eye.

Bags weigh 125 pounds each

Ammonia 4. Available Acid Phosphate 16. Potash 4.....	\$3.25	\$48.50
Ammonia 2. Available Acid Phosphate 16. Potash 2.....	2.75	38.50
Ammonia 2. Available Acid Phosphate 12. Potash 6.....	2.75	40.00
Ammonia 0. Available Acid Phosphate 8. Potash 24.....	3.10	46.00
Super Phosphate 20 per cent.....	2.00	32.00
1½—29 bone meal, \$1.25 Super Ammonia. 29 Phosphate.....	3.25	50.00

New Life for Your Garden, Lawn or Shrubbery—VIGORO

VIGORO is a condensed plant food, containing five times as much food as sheep manure. It is odorless, contains no weed seed and easy to apply. Directions in every bag. Send for booklet on "How to Make a Fine Lawn With VIGORO."

Use it on your lawn, flowers and shrubbery. Increases yield and quality of your garden. 25 lb. bag \$1.75; 50lb. bag \$3.00; 100 lb. bags \$5.00. We prepay freight to any station in Illinois on 50 lbs. or more.



Lawn and Garden Lime

Lawn lime is ground very fine which gives quick action on the soil, sweetens sour soil and gives nature a chance to release other necessary elements. Lime will loosen up the texture of the soil and put it in good physical condition, for a fine lawn or a good garden.

Apply 6 pounds per 100 square feet. Price, \$2.00 per 100 lb. bag.

Miscellaneous Fertilizers

Florists ground bone, 125 lb. bag, \$3.15. Arcadian Sulphate of Ammonia, 5 lb. bag, 65c; 10 lb. bag, \$1.25; 25 lb. bag \$2.25; 50 lb. bag, \$3.25; 200 lb. bag, \$10.00. Sheep Head Fertilizer, 10 lb. bag, 50c; 25 lb. bag, 85c; 50 lb. bag, \$1.25; 100 lb. bag, \$2.25; 500 lbs. or more, \$2.00 per bag; 125 lb. bag, 29 bone meal, \$3.25. Nitrate of Soda, 100 lb. bag, \$7.25.

Why Our Prices Are Lower

No doubt you wonder why we are able to sell high grade seeds and other merchandise at the low prices we quote.

We have three stores, own the largest wholesale seed house in the second largest city in the State, buy direct from the grower, ship in car loads from sections where seed is grown, have the very best machinery and equipment for getting seed ready for market. We are not only able to sell you seed at a low price; but, more important, we are able to give you seed of the very highest quality. We have the only gravity cleaner in Central Illinois that we know of. All the work on the seed corn and most of the cleaning is done at San Jose, where it can be done much cheaper than in a large city.

We do not depend on one line for our profits, but from several. At San Jose we have a hardware store, a furniture store, harness business, an automobile and garage business, besides the growing of seed corn and the seed business.

At Peoria we have hardware, harness, implements, spraying material and insecticides, besides the field and garden seed business. By combining these businesses it reduces cost on them all.

The seed business is a seasonable business and if we just had seeds to sell, as some firms do, there would be much of the time our men would not be busy and expenses would go on, adding costs to our seeds.

By having many lines, we keep our help busy, thereby reducing costs on sales to the minimum.

We own all our own buildings, except one on which we have a lease for a long period at a reasonable rent. We have no high salaried officers.

We are selling direct to you at a very small profit. We sell seeds for cash only and have no bad losses. We get jobbers prices on many lines and give you a share of the profits in low costs.

We have satisfied customers who have bought thousands of dollars worth of us, and we would like to include you in this list.

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Established



1905

WHOLESALE FIELD AND GARDEN SEEDS**Terms, Net Cash—Subject to Market Changes****All Prices F. O. B., Peoria or San Jose.**

We give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds we send out and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.—**KELLY SEED & HARDWARE COMPANY.**

SEED CORN—Pages 6 to 14

Seed corn, sack picked, fire dried on steel hangers or in wire racks, hand tipped, every ear examined by two men, shelled and graded, any variety, germination 95 per cent or better, 4 bushels or less \$3.85 per bushel; 5 to 15 bushels, \$3.75 per bushel; 15 to 25 bushels, \$3.65 per bushel; 25 bushels or more \$3.50 per bushel. Bags free. Ear corn crated, 50c per bushel more. 1927 seed corn \$2.50 per bushel. No. 2 grade 1928 crop, \$2.50; No. 3 grade, \$1.50 per bushel.

CLOVERS—Pages 15 to 20

Medium Red, all native grown, Illinois Brand,
above 99.35 pure, per bu. \$21.00
Red, Full value 99 per cent 20.00
Red, Prime 19.00
Mammoth Red 21.50
Alsike, Illinois grade 22.00
Alsike, Full Value 21.00
Alsike 75%, Timothy 25%, 60 lbs. 15.00
Alsike 50%, Timothy 50%, 50 lbs. 10.00

ALFALFA—Pages 22 to 24

Northwestern, Hardy \$16.50
Illinois Brand, Utah Grown 17.00
Black Hill Dakota No. 12, Variegated, very
hardy, certified 22.50
Grimms Dakota Grown, sealed bags 27.00

SWEET CLOVER—Pages 17 to 18**Hulled and Scarified**

Extra Fancy, Big White, 99.90 \$ 6.25
Illinois Brand, 99.50 pure 5.50
Full Value 5.25
Yellow Blossom 6.50
Grundy Co., Illinois Grown 6.00
Hubam, Annual 16.50
Clover and Pasture Mixtures, 24; Clover
Mixture, 30% Red Clover, 20 Alsike, 30
Sweet, 20 alfalfa, a bargain, 60 lbs. to bu. 13.50
Pasture Mixture, page 25 7.00

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Illinois Brand 99.60 pure 3.35
Full Value 99.25 pure 3.00
Prime 2.50

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Illinois No. 1 Spring Wheat \$ 1.85
Marquis Spring Wheat 1.85
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Barley, Velvet Barblless 1.35
Rye, Seed 1.25
Oats Iowa70
Oats, Big 470
Buckwheat, Silver Hull 1.85

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Midwest 2.35
Ebony 2.75
Illini 3.25

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Red Top, Fancy, Solid 20.00
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All prices subject to market changes. Be sure to send money for bags. See page 32.

We Broadcast Over Station WMBD, Peoria, Illinois, every Thursday Evening at 6:30.

We have contracted to do this for one year, every week, just preceding the live stock markets at 6:35. As seed prices vary so much, we have decided to keep you posted in this way. We will make bids on seeds during the year, quote you on twine, rope, machinery, hardware and many other items. Remember the time—6:30 every Thursday evening.



ALFALFA



Alfalfa

The
Wonder
Crop

Grinms
Black Hill
Dakota
No. 12
Hardy Utah

Inoculate with
McQueen's or
Kelly's
Inoculator.

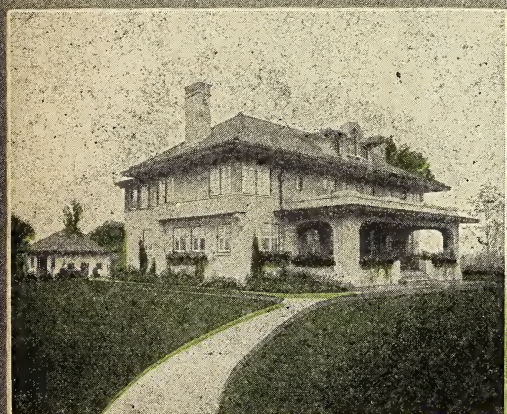
Northern
Grown

Seed Potatoes

always
yields
most.
Semesan
Bel
kills
scab,
increases
yields.



POTATOES



To have a beautiful lawn seed with

Kelly's Evergreen Lawn Mixture

at the rate of 1 lb. to 400 square
feet.

Price less than 10 lbs. 45c per lb.
10 to 50 lbs. 40c; 100 lbs. or more,
\$35.00.

Fertilize with Arcadian SULPHATE
OF AMMONIA at the rate of 1 pound to
250 square feet.

Price: 5 lb. bag 65c; 10 lb. bag \$1.25;
25 lb. bag \$2.25; 50 lbs. \$3.25.

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GRIMM
ALFALFA
SEED**

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SEED**

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SEED**

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HARDWARE CO.**

Peoria-San Jose
Illinois

Good seeds are the most essential requisite for a good crop. We handle only the very best hardy varieties, and no western grown seeds. Seeds can be purchased much cheaper and freight rates are much lower in the South, but they are not adapted to our section, and so we do not even handle them. When you buy seeds, you buy for results. We are in a position to furnish you the very best at the lowest possible cost.

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Peoria and San Jose, Illinois